

**St THERESA
INTERNATIONAL COLLEGE**



**Your Key to
Globally Recognized Professions**

**UNDERGRADUATE HANDBOOK
International Degree Programs**



2015



ST THERESA INTERNATIONAL COLLEGE

UNDERGRADUATE STUDENT HANDBOOK 2015



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MESSAGE FROM THE PRESIDENT



St Theresa International College was founded upon the belief that quality education brings about not only best career outlook but also socio-economic status.

In the current context, it presupposes, among others, a good mastery of foreign languages, mainly the English language.

With this in mind, St Theresa International College is committed to producing graduates that avail themselves of language excellence and relevant knowledge and that show social responsibility and ethical behavior at work as well as members of society.

The uniqueness of the College as set forth in the memorandum of establishment is 'internationalization'. Courses are taught in English by multicultural staff and comply with international standards. The living environment and extracurricular activities promote the goodwill of internationalization. Our international business management program is the program of choice for international students. And, leading research projects at St Theresa International College have gained international recognition.

Today, it appears technical knowledge alone no longer suffices. That is why emphasis is laid on core competencies, which apply to any field and whose validity and utility do not expire over time. We believe general knowledge, language proficiency, computer literacy along with a number of key personality traits play an instrumental part in effective learning, long-lasting knowledge acquisition and brighter career outlook. As far as experience is concerned, it is common knowledge that, in such a fast-paced world, there is little time left for training in the professional environment. At St Theresa International College, the students are put in context, not solely in text.

Last but not least, as consumer society encourages individuals to stay on the entertaining side of life, it is of the utmost importance that youngsters should be given every opportunity to focus primarily on studies and lay the foundation for success in their lives. St Theresa



International College is a family-spirited academic institution and welcomes students of all confessions and origins. The student/teacher ratio is voluntarily kept low for best learning experience. The main campus provides a safe, quiet, pollution-free environment and is located only a few kilometers away from Bangkok capital city.

St Theresa International College programs are accredited by the Commission on Higher Education of the Ministry of Education, Thailand in accordance with the standards set out by the ASEAN Economic Community Education Framework.

We look forward to hearing from you.

Best wishes,

Dr. Piyada Wattanasan
President



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Section 1

St Theresa International College Profile

1. BACKGROUND

 **T THERESA INTERNATIONAL COLLEGE** was established in 2001 as an international college of higher education that is accredited by the Commission on Higher Education, Ministry of Education, Thailand. The College has a long term objective and commitment to continually develop the quality of its degree programs through international collaborations while producing valuable graduates for multi-national professions.



In 2009, St Theresa International College collaborated with Patten University, USA, whose campus is in Oakland, California, to offer the Bachelor of Arts in Organization Management and Bachelor of Arts in Communication Arts.

St Theresa International College has also partnered with Waiariki Institute of Technology (WIT), New Zealand to offer students the pathway to study the final year of Bachelor of Applied Management, Bachelor of Computing and Bachelor of Tourism Management.



The College offers Bachelor of Science (Hons) in Computer Sciences and B.Sc. (Hons) Software Engineering programs in which students can transfer to study the final year and receive the respective B.Sc. degrees from University of East London, UK.

The American (Patten University), New Zealand (Waiariki Institute of Technology) and British (University of East London) university programs all provide students a unique and affordable opportunity to obtain a world-class education that will lead to an internationally recognized qualification. Students and their parents will enjoy significant cost-saving benefit of 2/3 of the US, NZ or UK tuition fees while spending less time to study abroad.

In the dynamic era of globalization, the College is committed to promoting internationalization without overlooking national pride and cultural participation amongst students, regardless of race, religion and nationality. The multi-cultural community of students and faculty creates truly international environment.

2. CAMPUS LOCATIONS

The College has a main campus situated at Ongkharak District, Nakhon Nayok, Thailand which is about 70km from the center of Bangkok. The campus having the area of 90 Rai and completed on-campus facilities offers country-side advantages such as light traffic, no pollution, conducive learning environment and yet conveniently commutable from Bangkok.



Main Campus Address: 1 Moo 6 Rangsit-Nakhon Nayok Road, Klong 14, Bungsan, Ongkharak, Nakhon Nayok 26120, Thailand. Tel. +66/0 2234 5599 Fax. 0 3733 3235

3. FACILITIES AND SERVICES

- **Learning resources:** Library, on-line (via internet) library, science, computer and language laboratories, international student services, career advisory, job placement and others
- **Accommodation:** Each room has an air-conditioner, private baht, hot shower, free internet access (Wireless/Lan), common kitchen and laundry, common satellite TV, study room, games room
- **Shuttle services** (campus-Bangkok, campus-shopping malls, campus-Surawongse)
- **Fitness suite**
- **Music performing studio**
- **Sports & recreations:** football, futsal, basketball, badminton, etc.

3.1 LIBRARY AND INSTRUCTIONAL RESOURCE CENTER

The main campus library has a large collection of books, journals, serials and reference materials for all the disciplines: Mathematics, Applied Sciences, Computer Science, Business, Law, Management, Accounting, Communications, Languages, etc. Books on general interests and (such as CD-ROMS and videos) are also available. The library which occupies the third floor of the administration building also holds periodicals, newspapers, audio-visual materials, multimedia facilities and on-line computers.



A mini library at Center for Graduate Studies has various research on-line databases and thesis/dissertation collections for MBA and M.Ed. programs. Graduate students can borrow and use all the books for reference. The library aims to provide friendly and high-quality service to all users. The library staff would help the students make the best use of valuable time to study.

3.2 ON-LINE LIBRARY LEARNING RESOURCES



In order to support the Bachelor's and Master's degree programs, St Theresa International College provides on-line library resources to all students through an internet access. Library supports through the on-line help desk is available while the students can access the library databases through the web page <http://stic.ac.th/research> and log on with their student ID number.

Online databases with full text journals available to students are extensive. Databases to which the students can access include: Infotrac Web, Health Reference Center, General Business File ASAP, Computer Database, Business Company Resource Center, Legaltrac, LexisNexis: Academic Universe, Statistical Universe, Current Issues; ProQuest Direct: CINAHL (Current Index to Nursing and Allied Health Literature), ABI Inform Global, ProQuest Nursing Journals,



ProQuest Psychology Journals, Research Library Complete; EbscoHost: Academic Search Premier, Business Source Premier, ERIC (connects to EDRS for some fulltext), Professional Development Collection (education), Health Source – Nursing/Academic Edition, Psychology & Behavioral Sciences, NetLibrary (more than 20,000 full text electronic book titles); MathSciNet; etc.

3.3 SCIENCE AND LANGUAGE LABORATORIES

A modern science laboratory is available for basic sciences: physics, biology and chemistry subjects while students can improve their English Language skills in the modern language laboratory.



3.4 COMPUTERS AND INFORMATION TECHNOLOGY



Our modern fully-networked computer laboratories ensure that students will learn the information technology skills they need to succeed in the 21st century. On-line databases and internet facilities also contribute to a dynamic learning environment.

3.5 STUDENT ACTIVITY CENTER

The Student Activity Center is conveniently situated near to the student hostels. It caters for activities such as table tennis, darts and aerobics. Facilities for the above games are available on request. The air-conditioned rooms cater for movies, karaoke, special gatherings for students and staff activities such as staff birthday parties, Christmas parties and the weekly meetings of the International Christian Fellowship. The Center is open seven days a week and is accessible anytime of the day and night.



3.6 CAFETERIA AND “THE HUB”

The Cafeteria is also conveniently situated in the middle of the campus. The Cafeteria serves a large variety of Thai food and foods of other nationalities. It houses “The Hub” which is a mini supermarket catering for the daily needs and necessities of the students and staff. The Cafeteria is open daily including Saturdays, Sundays and public holidays from 7.00 am to 7.00 pm for the convenience of students and staff.



3.7 AUDITORIUM

The Auditorium is located The Joseph Marie Building is our new Auditorium. This well-equipped, air-conditioned and nicely-decorated auditorium serves as a venue for our official functions, ceremonies and festivals as well as for many public meetings, dancing, and student activities.





The Joseph Marie Building is our new Auditorium. The construction work was completed late last year. There was an investment of more than 10 million baht for construction work.

The new auditorium is located close to but behind the old auditorium. The entire 1,500 square meter space is all ready for use. The building has a first-floor space of about 1,225 square meters and a second-floor area of about 270 square meters.

The first-floor consists of a large meeting hall, with a capacity of 800 people along with facilities such as a large projector screen and Wireless Internet service. All the installed equipment including the air-conditioning, the audio-visual system and the control room that are of a very high standard.

There is another small meeting room with a capacity of 150 people. There is also a kitchen, plus a tool and equipment storeroom, a VIP reception room, the lobby hall, and reception counter, a computer room and restrooms for men and women.

On the second-floor there are six well-equipped air-conditioned classrooms. It is thought that the Air Traffic Control course will be using the rooms in the near future. The whole building has WIFI.

3.8 STUDENT ACCOMMODATION



The Residential Life Community, an on-campus student hostel, offers a great variety of services. The College has two hostel blocks, one for male and another for female students. The rooms are air-conditioned, well-equipped with telephones, Internet facilities and attached bathrooms. Each block is well-equipped with the basic

kitchen facilities for common use. The environment is secure and peaceful with residential staff ready to help students at any time. The hostels are set in an environment which is clean, quiet and conducive for study.

3.9 SPORTS AND RECREATION FACILITIES

The College has facilities for both indoor and outdoor games. The indoor sports and recreation facilities include table tennis, darts, movies, aerobics, karaoke for both students and staff are available and are held regularly in the Student Activity Center. The outdoor games facilities include two basketball courts, a volleyball court, a sepak takraw court, a badminton court and a well-maintained football field. Equipment and facilities for both the indoor and the outdoor games and recreations are available from the Hostel Coordinator on request



St Theresa International College believes in a well-rounded holistic education. The moral, social, and physical aspects of the student's life are as important as their academic and intellectual development.

3.10 TRANSPORTATION SERVICES

The College provides shuttle services at certain times between its main campus and Ramkamhaeng during weekdays and between the main campus and Surawongse during weekends. In addition, there are provisional shuttle services during the week for residential students to go to Tesco-Lotus Klong 7 store and Future Park shopping mall for acquisition of various personal items and necessities or for other recreation purposes.



4. ACADEMIC INFORMATION

4.1. FACULTIES

Faculty of Business Administration
Faculty of Humanities and Social Sciences
Faculty of Public Health
Faculty of Nursing Science

4.2 PROGRAMS

MASTER OF BUSINESS ADMINISTRATION (M.B.A.)

- Accounting
- Management
- Marketing
- International Business
- Hospitality and Tourism
- Aviation Industry
- Human Resource Management

BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.)

- Marketing
- Business Computer
- International Business
- Hospitality and Tourism Management
- Sport Management
- Airline Business
- Logistic Management

BACHELOR OF SCIENCE (B.Sc.)

- Air Traffic Control

BACHELOR OF ARTS (B.A.)

- Business English

BACHELOR OF EDUCATION (B.Ed.)

- English

MASTER OF EDUCATION (M.ED.)

- Education Administration
- Curriculum and Instruction

BACHELOR OF SCIENCE (B.Sc.)

- Nursing Science
- Public Health

BACHELOR OF PUBLIC ADMINISTRATION

MASTER OF PUBLIC ADMINISTRATION



4.2. ADMISSION REQUIREMENTS

Undergraduate : High school (Grade 12) Certificate, 5 GCE ‘O’ level subjects, English proficiency: TOEFL scores 500 (paper) or 187 (CBT) or IELTS band 5.5 will exempt students from Intensive English and College English 1 and 2 courses.

Postgraduate : A minimum of Bachelor’s Degree and a functional command of English

4.3. ACADEMIC CALENDAR

Semester 1	: June-October	August- December
Semester 2	: November-February	January- May
Summer Session	: March-May	June-July

5. STIC COUNCIL MEMBERS

5.1	Associate Professor Dr. Sagol Jariyavidhyanond	Council Chairman
5.2	Dr. Theresa Virachanee Phromsuntorn (License Holder)	Vice Chairman
5.3	Ms. Pornpen Phromsuntorn	Council Member
5.4	Dr. Piyada Wattanasan	Council Member
5.5	Dr. Lee Fah Onn	Council Member
5.6	Dr. Tan Yew Sing	Council Member
5.7	Dr. Komol Vongsrisart	Council Member
5.8	Dr. Chaipat Wattanasan	Council Member
5.9	Ms. Vipa Pongsang-ium (Teaching Faculty)	Council Member
5.10	Professor Dr. Paithoon Sinlarat	Council Member
5.11	Associate Professor Dr. Manyat Rujiwit	Council Member
5.12	Dr. Ponsan Posrithong	Council Member
5.13	Ms. Siriwan Tanyong	Council Secretary

6. STIC ADMINISTRATORS

6.1	Dr. Piyada Wattanasan	President
6.2	Dr. Chaipat Wattanasan	Vice -President for Academic Affairs
6.3	Mr. Suwat Benjathammathorn	Vice- President for Administrative Affairs
6.4	Assistant Professor Dr. Somjate Waiyakarn	Vice- President for Policy and Planning
6.5	Dr. Chaipat Wattanasan	Acting Dean, Faculty of Business Administration
6.6	Ms. Vipa Pongsang-ium	Dean, Faculty of Nursing Science
6.7	Assistant Professor Dr. Poonsook Kitratporn	Dean, Faculty of Humanities and Social Sciences
6.8	Dr. Thanawat Imsomboon	Dean, Faculty of Public Health
6.9	Dr Rosario Alberto	Dean, Graduate School



“ALL ABOUT STIC CAMPUS”

This year, STIC will also adopt the project ‘Speaking English Campus’ to stimulate students to speak English regularly among friends. All these activities help students reach their goal to effectively study the International Program; so be alert, open minded, perceptive, then English will soon become easy for everyone.

STIC is an international college offering Bachelor, and Master using English as a medium of instruction. The STIC faculties are drawn from highly qualified and experienced English-speaking teachers from around the world.

The College is accredited by the Ministry of Education, Thailand. Furthermore, all their programs are also accredited by the relevant accrediting and professional agencies. The Nursing Science program under the excellent leadership and supervision of Dean Vipa, is also well recognized and accredited by the Thailand Nursing Council.

In addition, the College is proud to have successfully obtained the Quality Assurance from the Office of the National Educational Standard and Quality Assurance in the academic years 2004 and 2007 at the exceptional high score that is 4.13 from 5.

Every teacher has always been committed to the teaching, research, and especially to the students. They are very proud that they have witnessed the success of our graduates who are highly sought after by private sectors and international companies.

The College is also proud of its holistic education that provides all students with excellent academic standards, experience in social interaction through extra-curricular activities, good physical, social, and moral development.

STIC aims of flourishing as an international education has led STIC to collaborate with many prestigious universities in USA, in England, and in New Zealand. This includes the University of East London (UEL), a highly respected public university in the UK.

Currently the students who have completed their 3rd year are now studying the final year in UEL to get a degree in Software Engineering. Besides UEL, the college also works with Patten University in America. Students can study at our college for 3 years before transferring to Patten for 1 year to complete and earn their degree from the latter. TSIC also works with Wiariki Institute of Technology, a public university in New Zealand. Students can study at STIC, then transfer to the Wiariki and do 3 terms to complete and earn their degree.

St. Theresa International College also has a weekend session at its Surawongse campus situated in the heart of Bangkok where their Bachelor Programs and Master of Business Administration Programs as well as our Master of Education programs are taught.

Those programs cater to the working students from various countries such as United States of America, Britain, Canada, Myanmar, India and the Philippines.



Section 2

Programs



FACULTY OF BUSINESS ADMINISTRATION

The Faculty of Business Administration offers STIC International Programs leading to a Bachelor of Business Administration (B.B.A.) Degree in the following disciplines, viz. Marketing, Business Computer, International Business, Tourism and Hotel, Sports Management, Airline Business, Logistics Management and Air Traffic Control. Duration of the program is 4 years and credits can be transferred to overseas universities.

BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.) International Program (Revised Curriculum, March 2013) St Theresa International College

1. PROGRAM TITLE

Bachelor of Business Administration (B.B.A.) (International Program)

2. PROGRAM DEGREE

Full Name of Degree : Bachelor of Business Administration
Abbreviation : B.B.A.

3. PROGRAM INFORMATION

Faculty of Business Administration aims to produce graduates having core competencies on business administration, life-long learning attitudes, high moral values and professional ethics, and social responsibilities. The graduates will be able to serve the national and societal requirements for competent and accountable human resources.

Faculty of Business Administration will be an active and integral part of a learning organization that adopts quality assurances, cultural knowledge and wisdom in conjunction with international collaborations and university networks to produce successful graduates who are highly prized by national and global professions.

4. OBJECTIVES OF THE PROGRAM

The general objectives of the Bachelor of Business Administration (B.B.A.) Program are to develop in students the ability to:

- Develop problem solving skills required in a dynamic and changing business environment in Thailand and in the world, in general;
- Synthesize and apply knowledge, theories and concepts from various business disciplines in their problem solving analysis; and
- Obtain a higher proficiency in management skills, business skills and decision making skills that will enable them to carry out managerial responsibilities in both private and public sectors.

5. ACADEMIC SCHEDULE

The Bachelor of Business Administration (B.B.A.) Program (International Program) commenced in the first semester of the Academic Year 2013.

**6. CREDIT REQUIREMENTS FOR GRADUATION, BACHELOR OF BUSINESS ADMINISTRATION****127 CREDITS**

PROGRAM STRUCTURE	126	credits
A. GENERAL EDUCATION REQUIREMENTS	30	credits
Social Sciences	3	credits
Humanities	5	credits
Languages	15	credits
Science and Mathematics	6	credits
Quality of Life Development	1	credits
Total	30	credits
B. MAJOR REQUIREMENTS	90	credits
Core Courses	42	credits
Required Course	33	credits
Elective Courses	15	credits
Total	90	credits
C. FREE ELECTIVES	6	credits
Total Required credits for graduation (not less than)	126	credits

7. PROGRAM STRUCTURE

GENERAL EDUCATION REQUIREMENTS	30	credits
Social Sciences	3	credits
<i>Choose Three (3) credits from the followings:</i>		
101 106 Anthropology	3	(3-0-6)
101 107 Religions	3	(3-0-6)
101 108 Sociology	3	(3-0-6)
101 111 Western Civilization I	3	(3-0-6)
101 114 World History	3	(3-0-6)
101 115 Governments	3	(3-0-6)
101 116 Politics	3	(3-0-6)
101 117 Introduction to Law	3	(3-0-6)
Humanities	5	credits
102 113 Library Skills	1	(1-1-2)
<i>Choose Four (4) credits from the followings:</i>		
102 102 The Art of Thinking	3	(3-0-6)
102 103 Introduction to Philosophy	3	(3-0-6)
102 104 Introduction to Psychology	3	(3-0-6)
102 107 Art Appreciation	2	(2-0-4)
102 108 Music Appreciation	2	(2-0-4)
102 111 World Literature I	3	(3-0-6)



102 114	Study Skills	1	(1-1-0)
102 115	Communication and Human Relations	3	(3-0-6)
Languages		15	credits
103 111	College English 1	3	(3-0-6)
103 112	College English 2	3	(3-0-6)
103 113	College English 3	3	(3-0-6)
103 115	College English 4	3	(3-0-6)
Choose Three (3) credits from the followings:			
103 101	Thai for Special Purposes	3	(3-0-6)
103 102	Basic Thai for International Students	3	(3-0-6)
Science and Mathematics		6	credits
Choose Six (6) credits from the followings:			
104 103	Introduction to Statistics	3	(3-0-6)
104 108	College Algebra	3	(3-0-6)
104 109	Calculus	3	(3-0-6)
104 110	Finite Mathematics	3	(3-0-6)
104 111	Physical Science	3	(3-0-6)
104 112	Principles of Biology	3	(3-0-6)
104 113	Principles of Biology Lab	1	(0-2-3)
104 114	General Chemistry	3	(3-0-6)
104 115	General Chemistry Lab	1	(0-2-3)
104 116	General Physics	3	(3-0-6)
104 117	General Physics Lab	1	(0-2-3)
104 118	Computer Applications	3	(3-0-6)
Quality of Life Development		1	credit
Choose One (1) credit from the followings:			
105 101	Aerobics	1	(1-1-2)
105 103	Mindfulness in Motion	1	(1-1-2)
105 104	Wellness Development	1	(1-1-2)
105 105	Personality Development	1	(1-1-2)
105 106	Selected Sport	1	(1-1-2)
105 108	Sport Dance	1	(1-1-2)
MAJOR REQUIREMENTS		90	credits
<u>Core Courses</u>		42	credits
211 111	Principles of Accounting I	3	(3-0-6)
211 311	Business Finance	3	(3-0-6)
211 313	Managerial Accounting	3	(3-0-6)
213 211	Principles of Marketing	3	(3-0-6)
214 101	Principles of Economics	3	(3-0-6)
214 201	Principles of Management	3	(3-0-6)
214 202	Business Statistics	3	(3-0-6)
214 203	Business Law	3	(3-0-6)
214 204	Taxation 1	3	(3-0-6)
214 301	Quantitative Analysis for Business	3	(3-0-6)
214 311	Human Resource Management	3	(3-0-6)

Other Nine (9) credits of core courses depend on the chosen area of specializations as detailed below.

i) Marketing, Business Computer and International Business Specialization

Students will take Nine (9) credits from the followings:

212 214	Principles of Information Systems	3	(3-0-6)
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214 302	Production and Operations Management	3	(3-0-6)
214 409	Strategic Management	3	(3-0-6)

ii) Tourism and Hotel Specialization

Students will choose Three (3) credits from the followings:

212 214	Principles of Information Systems	3	(3-0-6)
215 412	Information Technology for Tourism and	3	(3-0-6)

Students will choose Three (3) credits from the followings:

214 302	Production and Operations Management	3	(3-0-6)
215 315	Hotel Operations	3	(3-0-6)
AND			
214 409	Strategic Management	3	(3-0-6)

iii) Sports Management Specialization

Students will choose Three (3) credits from the followings:

212 214	Principles of Information Systems	3	(3-0-6)
217 102	Computer Application and IT in Sports Business	3	(3-2-5)

Students will choose Three (3) credits from the followings:

214 302	Production and Operations Management	3	(3-0-6)
217 201	Sports Management	3	(3-0-6)

Students will choose Three (3) credits from the followings:

214 409	Strategic Management	3	(3-0-6)
217 205	Sport Marketing and Strategies	3	(3-0-6)

iv) Airline Business Specialization

Students will take Nine (9) credits from the followings:

212 214	Principles of Information Systems	3	(3-0-6)
216 308	Airline Business Strategic Planning and Management	3	(3-0-6)
216 311	Introduction to Tourism and Hotel	3	(3-0-6)

Required Courses

(1)	MARKETING	33	credits
	213 312 Consumer Behavior	3	(3-0-6)
	213 313 Sales Management	3	(3-0-6)
	213 314 Product and Pricing Policy	3	(3-0-6)
	213 316 Logistics Management	3	(3-0-6)
	213 317 Marketing Channels	3	(3-0-6)
	213 319 Marketing Management	3	(3-0-6)
	213 327 Advertising and Promotion	3	(3-0-6)
	213 322 Promotion and Advertisement	3	(3-0-6)
	213 402 International Marketing	3	(3-0-6)
	213 407 Service Marketing	3	(3-0-6)
	213 497 Marketing Research	3	(3-0-6)
	213 498 Seminar in Marketing Problems	3	(3-0-6)
(2)	BUSINESS COMPUTER	33	credits
	212 211 Computer Technology and Programming Concepts	3	(3-0-6)



212 212	Data Structures and Algorithms	3	(2-2-6)
212 213	Data Communication and Network	3	(3-0-6)
212 312	Database Systems	3	(2-2-6)
212 313	Object-Oriented Programming	3	(2-2-6)
212 320	Application Development Using Visual Basic	3	(2-2-6)
212 321	Information Systems Analysis and Design	3	(3-0-6)
212 316	Web-Based Application Development	3	(2-2-6)
212 320	Application Development Using Visual Basic	3	(2-2-6)
212 414	Electronic Commerce	3	(3-0-6)
212 499	Business Computer Project	3	(0-9-0)
313 204	Operating Systems	3	(3-0-6)
(3) INTERNATIONAL BUSINESS		33	credits
211 321	International Financial Accounting	3	(3-0-6)
211 323	Accounting Information Systems	3	(3-0-6)
211 422	Financial Reporting and Statement Analysis	3	(3-0-6)
213 402	International Marketing	3	(3-0-6)
213 497	Marketing Research	3	(3-0-6)
214 215	Finance and International Banking	3	(3-0-6)
214 219	Managerial Economics	3	(3-0-6)
214 306	International Trade	3	(3-0-6)
214 307	International Business Management	3	(3-0-6)
214 313	Organization Development	3	(3-0-6)
214 403	Small Business Management and Entrepreneur	3	(3-0-6)
(4) TOURISM AND HOTEL		33	credits
214 429	Marketing Communication	3	(3-0-6)
215 316	Professional Ethics and Laws for Hotel and Tourism	3	(3-0-6)
215 311	Introduction to Tourism and Hotel	3	(3-0-6)
215 319	Food and Beverage Operations	3	(3-0-6)
215 415	Tour Business Operations	3	(3-0-6)
215 421	Quality Service Management	3	(3-0-6)
215 424	Psychology for Hospitality and Cross-cultural Communication	3	(3-0-6)
215 404	Room Division Management	3	(2-2-6)
215 413	Tourism and Hotel Marketing	3	(2-2-6)
215 497	Basic Research Methods in Tourism and Hotel	3	(3-0-6)
215 500	Pre-Cooperative Education	3	(3-0-6)
(5) SPORTS MANAGEMENT		33	credits
217 101	General Aspects of Sports	3	(3-0-6)
217 103	English for Exercise, Sports & Recreation Business 1	3	(3-0-6)
217 202	Sports Sociology	3	(3-0-6)
217 203	Good Governance of Sports Management	3	(3-0-6)
217 204	Sports Law and Risk Management	3	(3-0-6)
217 301	Health and Sports Administration Business Enterprise	3	(3-0-6)
217 302	Sponsoring and Sports Communications	3	(3-0-6)
217 303	Organization Behavior in Sport Business	3	(3-0-6)
217 304	Leadership and Sports Ethics	3	(3-0-6)
217 401	Sports Event and Facilities Management	3	(2-2-5)
217 402	Senior Project in Sports Management	3	(0-9-0)
(6) AIRLINE BUSINESS		33	credits



216 206	Airline Sales and Marketing Management	3	(3-0-6)
216 209	Airport Ground Services Management	3	(3-0-6)
216 210	In-flight Services Management	3	(3-0-6)
216 301	Occupational Health and Safety for Airline Business	3	(3-0-6)
216 303	Airline Catering Management	3	(3-0-6)
216 307	Airport Management	3	(3-0-6)
216 314	Airline Ticketing and Reservation	3	(3-0-6)
216 315	Air Cargo Management	3	(3-0-6)
216 410	English for Professional Development I	3	(2-2-6)
216 411	English for Professional Development II	3	(3-0-6)
216 497	Basic Research Methodology in Airline Industry	3	(3-0-6)

(7)	LOGISTICS MANAGEMENT	33	credits
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218 201	Logistics and Supply Chain Management	3	(3-0-6)
218 202	Legal Aspects for Logistics	3	(3-0-6)
218 301	Information Technology for Logistics	3	(3-0-6)
218 302	Procurement Management	3	(3-0-6)
218 303	Insurance on Transport Industry	3	(3-0-6)
218 304	International Trade and Policy	3	(3-0-6)
218 305	Freight Transport and Distribution	3	(3-0-6)
218 306	Material Handling and Packaging	3	(3-0-6)
218 401	Demand and Inventory Planning	3	(3-0-6)
218 402	Warehouse Design and Operations	3	(3-0-6)
218 402	International Logistics	3	(3-0-6)

Elective Courses**15 credits**

**For Marketing, Business Computer, Tourism and Hotel, Sports Management, and Logistics Management, select Fifteen (15) credits from Group1 electives*

**For International Business and Airline Business, select Six (6) credits from Group language courses and Nine (9) credits from Group electives.*

Group 1: Electives for major in Marketing, Business Computer and International Business

111 420	English for Business 1	3	(2-2-6)
111 421	English for Business 2	3	(2-2-6)
111 422	English for Business 3	3	(2-2-6)
112 420	Chinese for Business 1	3	(2-2-6)
112 421	Chinese for Business 2	3	(2-2-6)
112 422	Chinese for Business 3	3	(2-2-6)
113 420	Japanese for Business1	3	(2-2-6)
113 421	Japanese for Business 2	3	(2-2-6)
113 422	Japanese for Business 3	3	(2-2-6)
114 420	French for Business 1	3	(2-2-6)
114 421	French for Business 2	3	(2-2-6)
114 422	French for Business 3	3	(2-2-6)
115 420	German for Business 1	3	(2-2-6)
115 421	German for Business 2	3	(2-2-6)
115 422	German for Business 3	3	(2-2-6)
211 317	Profit Planning and Control	3	(3-0-6)
211 324	Accounting for Financial Institutions	3	(3-0-6)



211 325	Internal Control and Auditing	3	(3-0-6)
211 424	Tax Accounting for Corporations and Partnerships	3	(3-0-6)
211 425	Accounting Theory	3	(3-0-6)
211 426	Accounting for Financial Instruments	3	(3-0-6)
211 430	Tax Planning	3	(3-0-6)
211 431	Accounting Information System Audit and Control	3	(3-0-6)
211 427	Accounting for Governmental & Nonprofit Organization	3	(3-0-6)
211 497	Seminar in Financial Accounting	3	(3-0-6)
211 498	Seminar in Managerial Accounting	3	(3-0-6)
212 317	Information Systems Security and Audit	3	(3-0-6)
212 498	Seminar in Business Computer	3	(3-0-6)
213 318	Advertising	3	(3-0-6)
213 321	Export-Import Management	3	(3-0-6)
213 401	Marketing Strategy	3	(3-0-6)
213 403	Retailing	3	(3-0-6)
213 404	Wholesaling	3	(3-0-6)
213 405	Industrial Goods Marketing	3	(3-0-6)
213 406	Agricultural Products Marketing	3	(3-0-6)
213 408	Purchasing and Materials Management	3	(3-0-6)
214 309	Leadership and Management of Change	3	(3-0-6)
214 312	Labor Relations	3	(3-0-6)
214 314	Wage and Salary Management	3	(3-0-6)
214 402	Insurance and Risk	3	(3-0-6)
214 404	Business Negotiation	3	(3-0-6)
214 405	Total Quality Management	3	(3-0-6)
214 406	Cross Cultural Management	3	(3-0-6)
214 407	Business Ethics	3	(3-0-6)
001 499	Cooperative Education	9	credits

Group 2:***Electives for major in Tourism and Hotel***

111 420	English for Business I	3	(2-2-6)
111 421	English for Business II	3	(2-2-6)
111 422	English for Business III	3	(2-2-6)
112 420	Chinese for Business I	3	(2-2-6)
112 421	Chinese for Business II	3	(2-2-6)
112 422	Chinese for Business III	3	(2-2-6)
113 420	Japanese for Business I	3	(2-2-6)
113 421	Japanese for Business II	3	(2-2-6)
113 422	Japanese for Business III	3	(2-2-6)
114 420	French for Business I	3	(2-2-6)
114 421	French for Business II	3	(2-2-6)
114 422	French for Business III	3	(2-2-6)
115 420	German for Business I	3	(2-2-6)
115 421	German for Business II	3	(2-2-6)
115 422	German for Business III	3	(2-2-6)
215 416	MICE Management	3	(3-0-6)
215 417	Cruise Business Operations	3	(2-2-6)
215 420	Airline Business Operation	3	(3-0-6)
215 422	ASEAN Tourism	3	(2-2-6)
215 425	Wellness Tourism	3	(3-0-6)
216 403	English for Professional Development	3	(2-2-6)
001 499	Cooperative Education	9	credits

Group 3: *Electives for major in Sports Management*

**3.1 Exercise, Recreation and Sports Management Option***Choose Nine (9) credits from the followings:*

217 104	English for Exercise, Sports and Recreation Business 2	3	(3-0-6)
217 210	Administrative Principles in Exercise and Sports Management	3	(3-0-6)
217 211	Management of Team Sports	3	(3-0-6)
217 212	Management of Individual Sports	3	(3-0-6)
217 213	Management of Health and Fitness Center	3	(3-0-6)
217 214	Management of Outdoor Sports	3	(3-0-6)
217 215	Management of Indoor Sports	3	(3-0-6)
217 310	Management of International Sport Competition	3	(3-0-6)
217 311	Football Management	3	(3-0-6)
217 312	Golf Management	3	(3-0-6)
217 313	Aquatics Management	3	(3-0-6)

Take the following course for Six (6) credits

217 404	Field Experience: Sports Management	6	credits
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3.2 Recreation and Tourism Management Option**15 credits***Choose Nine (9) credits from the followings:*

217 220	Introduction to Recreation Management	3	(3-0-6)
217 221	Fundamentals of Recreation Leadership	3	(3-0-6)
217 321	Leisure Activities and Sport Tourism Management	3	(3-0-6)
217 322	Sport Media and Public Relations Recreation	3	(3-0-6)
217 323	Recreation and Sport Tourism Administration in Business Enterprise	3	(3-0-6)
217 324	Camp Leadership	3	(3-0-6)
217 420	Recreation and Tourism Business	3	(3-0-6)
217 421	Game and Sport Competition Management	3	(3-0-6)
217 422	Recreation Facilities and Equipment Design	3	(3-0-6)
217 423	Physical Activities for Health in Recreation	3	(2-2-5)

Take the following course for Six (6) credits

217 405	Cooperative Education in Sports Management	6	credits
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Group 4: Electives for major in Airline Business

111 420	English for Business 1	3	(2-2-6)
111 421	English for Business 2	3	(2-2-6)
112 420	Chinese for Business 1	3	(2-2-6)
112 421	Chinese for Business 2	3	(2-2-6)
113 420	Japanese for Business 1	3	(2-2-6)
113 421	Japanese for Business 2	3	(2-2-6)
114 420	French for Business 1	3	(2-2-6)
114 421	French for Business 2	3	(2-2-6)
115 420	German for Business 1	3	(2-2-6)
115 421	German for Business 2	3	(2-2-6)
215 416	MICE Management	3	(3-0-6)
216 211	Introduction to Air Traffic Control	3	(3-0-6)
216 302	Airline Cabin Crew Operations	3	(3-0-6)
216 304	Fleet Planning and Effective Scheduling	3	(3-0-6)
216 306	Airline Cost Management	3	(3-0-6)
216 312	Promotion in Airline Business	3	(3-0-6)
216 404	Service Industrial Management	3	(3-0-6)



216 405	Service Quality Management in Airline Business	3 (3-0-6)
216 406	Principles of Recreation and Special Event Management	3 (3-0-6)
216 407	Seminar in Aviation Business	3 (3-0-6)
503 305	First Aid	3 (3-0-6)
216 499	Field Experience in Aviation Business	6 credits

Group 5: Electives for major in Logistics Management**15 credits**

111 420	English for Business 1	3 (2-2-6)
111 421	English for Business 2	3 (2-2-6)
111 422	English for Business 3	3 (2-2-6)
112 420	Chinese for Business 1	3 (2-2-6)
112 421	Chinese for Business 2	3 (2-2-6)
112 422	Chinese for Business 3	3 (2-2-6)
113 420	Japanese for Business 1	3 (2-2-6)
113 421	Japanese for Business 2	3 (2-2-6)
113 422	Japanese for Business 3	3 (2-2-6)
114 420	French for Business 1	3 (2-2-6)
114 421	French for Business 2	3 (2-2-6)
114 422	French for Business 3	3 (2-2-6)
115 420	German for Business 1	3 (2-2-6)
115 421	German for Business 2	3 (2-2-6)
115 422	German for Business 3	3 (2-2-6)
213 407	Service Marketing	3 (3-0-6)
216 211	Introduction to Air Traffic Control	3 (3-0-6)
216 304	Fleet Planning and Effective Scheduling	3 (3-0-6)
216 306	Airline Cost Management	3 (3-0-6)
218 404	Transport Safety and Environment	3 (3-0-6)
218 405	Strategic Location Decisions	3 (3-0-6)
218 406	Performance Measurement in Supply Chain	3 (3-0-6)
218 407	Transport Economics	3 (3-0-6)
218 408	Independent Study I	3 (3-0-6)
218 409	Independent Study II	3 (3-0-6)
001 499	Cooperative Education	9 credits

(4) FREE ELECTIVE**6 Credits**

Select at least *Six (6) credits* of any courses available from other programs with the consent of advisor.



**Bachelor of Science Program in Air Traffic Control
B. Sc. (Air Traffic Control),
International Program (New Curriculum, 2014)
St Theresa International College**

1. PROGRAM TITLE

Bachelor of Science Program in Air Traffic Control (International Program)

2. PROGRAM DEGREE

Full Name of Degree : **Bachelor of Science Program in Air Traffic Control**

Abbreviation : **B.Sc in Air Traffic Control**

3. COURSE/ PROGRAM INFORMATION

This degree is under the supervision of the Profession Council, Department of Civil Aviation, and the Office of the Higher Education Commission.

Prerequisite Qualifications

1. Graduate from Mattayome Sueksa high school or equivalent to higher educational institutes accredited by the Thai Ministry of Education
2. Excellent mental and physical health
3. Good behavior, determination, self-working, study and practicing with his or her own high abilities /capacities, and strictly following rules and regulations of the university

Students' extracurricular activities include:

- Study visit to the air traffic control towers of international airports
- A cooperative education internship involving real air traffic control situations

Duration of the study/ program

It is 4–year program and credits can be transferred to overseas universities. Throughout the course study, 126 course credits are required for graduation.

4. OBJECTIVES OF THE PROGRAM

This course focuses on skills, knowledge, resourcefulness and decision making by applying knowledge to techniques regarding using communication equipment as well as encouraging working with more skills and safety. Career advancement within the airline industry is also addressed.

Job opportunities and further Studies

The general objectives of the **Bachelor of Science Program in Air Traffic Control** are to develop in students the ability to work as follows below:

- Air traffic control specialist/officers,
- Operations support officers stationed at airport-based airline transport companies
- Officials at the Ministry of Transports and Communication
- Director or officers at airlines companies
- Operations officers for airline companies, or airline traffic control officers stationed at oil rig/ drill companies in the sea
- Business/private sector operators or owners



5. ACADEMIC SCHEDULE

The **Bachelor of Science Program in Air Traffic Control** (International Program) commenced in the first semester of the Academic Year 2014.

6. CREDIT REQUIREMENTS FOR GRADUATION, Bachelor of Science Program in Air Traffic Control

127 CREDITS

1. GENERAL EDUCATION REQUIREMENTS 30 credits

Social Sciences 3 credits

Choose Three (3) credits from the followings:

101 106	Anthropology	3(3-0-6)
101 107	Religions	3(3-0-6)
101 117	Introduction to Law	3(3-0-6)

Humanities 5 credits

Choose Five (5) credits from the followings:

102 113	Library Skills	1(0-2-1)
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And also choose Four (4) credits from the followings:

102 102	The Art of Thinking	3(3-0-6)
102 104	Introduction to Psychology	3(3-0-6)
102 114	Study Skills	1(0-2-1)
102 115	Communication and Human Relation	3(3-0-6)

Languages 15 credits

Choose fifteen (15) credits from the followings:

103 111	College English 1	3(3-0-6)
103 112	College English 2	3(3-0-6)
103 113	College English 3	3(3-0-6)
103 115	College English 4	3(3-0-6)

And also choose three (3) credits from the followings:

103 101	Thai for Special Purposes	3(3-0-6)
103 102	Basic Thai for International Students	3(3-0-6)

Science and Mathematics 6 credits

Choose six (6) credits from the followings:

104 xx	Calculus	3(3-0-6)
104 106	General Physics	3(3-0-6)
104 118	Computer Applications	3(3-0-6)

**Quality of Life Development** **1 credits****Choose one (1) credit from the followings:**

105 101	Aerobics	1(0-2-1)
105 103	Mindfulness in Motion	1(0-2-1)
105 104	Wellness Development	1(0-2-1)
105 105	Personality Development	1(0-2-1)
105 106	Select Sport	1(0-2-1)
105 108	Sport Dance	1(0-2-1)

2. MAJOR REQUIREMENTS **91 credits**Core Courses **42 credits****Choose forty-two (42) credits from the followings:**

222 201	Aviation Technical English 1	3(3-0-6)
222 202	Aviation Technical English 2	3(3-0-6)
222 203	Aerodrome	3(3-0-6)
222 204	Aviation Law and Regulation	3(3-0-6)
222 205	Rules of the air	3(3-0-6)
222 206	Air Traffic Services	3(3-0-6)
222 207	Principles of Flight	3(3-0-6)
222 208	Aviation Meteorology	3(3-0-6)
222 209	Aircraft Type Designator	3(3-0-6)
222 210	Air Navigation	3(3-0-6)
222 211	Communication and Codes Designator	3(3-0-6)
222 212	Aeronautical Information Management	3(3-0-6)
222 213	Aviation Security and Safety	3(3-0-6)
222 214	Human factor in air traffic control	3(3-0-6)

Required Course **30 credits****Choose thirty (30) credits from the followings:**

222 301	Aerodrome Control Service	2(2-0-4)
222 302	Aerodrome Control Simulation	6(0-2-4)
222 303	Approach Control Service (Non-radar)	2(2-0-4)
222 304	Approach Control Simulation (Non-radar)	4(0-16-0)
222 305	Radar Approach Control Service	6(6-0-12)
222 306	Radar Approach Control Simulation	4(0-16-0)
222 307	Area Control Service (Non-radar)	2(2-0-4)
222 308	Area Control Simulation (Non-radar)	4(0-16-0)

Elective Courses **10 credits****Choose ten (10) credits from the followings:**

222 401	English Language Proficiency for Air Traffic Controllers	3(3-3-6)
222 402	Aviation and environment	2(2-0-4)
222 403	Air Traffic Service Planning	2(2-0-4)
222 404	Safety Management System (SMS)	2(2-0-4)
222 405	Flight Operation Management	3(3-0-6)



222 406	Aircraft Weight and Balance Control	2(2-0-4)
222 407	Airport systems and Airport Operation Management	3(3-0-6)
222408	Air Transport System	3(3-0-6)

Cooperative Education **9 credits**

Choose nine (9) credits from the followings:

222 501	Pre-Cooperative Education	1(1-0-2)
222 502	Cooperative Education	8 credits

In the case that the students do not wish to practice or to be in internship for cooperation education, he or she has to run the project by enrolling in the College's courses for 9 credits from the followings:

222 503	Communication, Navigation, Surveillance for Air Traffic Management	3(3-0-6)
222 504	Advanced equipment for Air Traffic Service Surveillance System	3(3-0-6)
222 505	Controller Pilot Data Link Communication (CPDLC) System	3(3-0-6)

3. FREE ELECTIVES **6 credits**

Select any course subjects in the curriculum or program of the St Theresa International College or in other universities that were recognized by St Theresa International College, however, the course subjects must not be repeated the same subjects that they have studied already.

BSc- AIR TRAFFIC CONTROL **COURSE DESCRIPTIONS**

101 106 Anthropology **3(3-0-6)**
Survey of the different cultural phenomena: the development of language, kinship, social organization, political organization, economics and religion of selected "modern" and non-literate societies. Emphasis will be placed on the nature of culture and cultural changes.

101 107 Religions **3(3-0-6)**
Study of theories of the origin and evolution of religions, with reference to the role, function and importance of major religions in contemporary society; comparative study based on scriptures, moral paths, rituals, beliefs and cultural differences.

101 117 Introduction to Law **3(3-0-6)**
Introduction to the interface between the legal system and society with emphasis on general law, administrative law, labor law, constitutional law, taxation statute and public law.

102 113 Library Skills **1(0-2-1)**
A task-based approaches to the use of library and on-line resources, emphasis on locating informational resources, finding periodicals and reference materials, including intensive practice and familiarity with computer terminals and the use of the Internet in writing term papers.



- 102 102 The Art of thinking 3(3-0-6)**
Investigation of a systematic thinking skills using western knowledge and eastern wisdom, cultivating a creative thinking mechanism for taking initiatives, finding alternatives, developing bold ideas, solving everyday problems and widening one's horizon.
- 102 104 Introduction to Psychology 3(3-0-6)**
Introduction of basic concepts in general psychology, community and social psychology with emphasis on their contributions to the understanding of contemporary changes in human behavior.
- 102 114 Study Skills 1(0-2-1)**
Develop the students to study communication and self-development skills necessary for their success in college and in studies; encourage them in their role and responsibility for future career decisions and the societal aspects.
- 102 115 Communication and Human Relation 3(3-0-6)**
Study how human relations helps achieve career success and increased work/life balance; examines strategies for improving personal and workplace communications, identification of personal communication styles, how language and cultural differences may create barriers to effective communication, approaches for creating a professional presence, self-esteem building, and professional ethics.
- 103 111 College English 1 3(3-0-6)**
Practical of listening comprehension using English and video materials containing daily conversations, extended discussions and in-class lessons; the practices of reading comprehension using selected English articles from a wide range of announcements, instructions, newspapers, magazines and journals – with special emphasis on skim reading techniques.
- 103 112 College English 2 3(3-0-6)**
Pre-requisite: Subject 103 111 College English 1
Practical in comprehension of English by reading and selection of using English from the book, advertisements, teaching, newspapers, magazines and other journals emphasizing the technique of glance reading.
- 103 113 College English 3 3(3-0-6)**
Pre-requisite: Subject 103 112 College English 2
Practical of writing English by making short note about 150 words, emphasize on the presentation of writing with experiences in a variety of types of writing styles: descriptive writing, argumentative writing, narrative writing, expository writing, discursive writing, and a combination of these types.
- 103 115 College English 4 3(3-0-6)**
Pre-requisite: Subject 103 113 College English 3
A rhetoric-with-readings course helping students master the essential features of the writing process; through assigned reading selections that will generate assignments, students will learn to apply the basic principles of writing well-developed essays; the four principles of unity, support, coherence, and sentence skills will be highlighted and reinforced.
- 103 101 Thai for Special Purpose 3(3-0-6)**
Communication skills in Thai, emphasis on speaking, reading and writing for academic and various professional purposes.



- 103 102 Basic Thai for International Student 3(3-0-6)**
The development of communication skills in Thai, emphasis on listening, speaking, pronouncing different tones and the ability to read, write and speak basic words, group of words and sentences encountered in everyday life, the practice of using Thai correctly and appropriately in real social context.
- 104 109 Calculus 3(3-0-6)**
Basic concepts of plane analytical geometry, limits, continuity, derivative, maximal and minimal, anti-derivatives, and applications of definite integrals
- 104 116 General Physics 3(3-0-6)**
Introduction to physics primarily for computer science and engineering majors; topics are mechanics, gravitation, wave motion, sound, properties of matter, heat and thermal physics.
- 104 118 Computer Applications 3(3-0-6)**
Introductory study of computers: what they are, how they work, and their applications-with emphasis on computer literacy, practical experience complemented by hands on, use of spreadsheet, database, word processor and integrated packages.
- 105 101 Aerobics 1(0-2-1)**
A physical exercise to sustain and improve health, focusing on balance of strength through continuous body motion and cardiovascular enhancement.
- 105 103 Mindfulness in Motion 1(0-2-1)**
A practice of the path of mindfulness in motion, the meditative techniques to stay healthy and hedonic, prolong life by harmonizing the duality that the Chinese call 'Yin & Yang' according to the soft approach of Tai Chi philosophy.
- 105 104 Wellness Development 1(0-2-1)**
Enrichment of wellness and healthy lifestyles, focusing on developing good health through recreation, leisure and good dietary habits, along with the cultivation of mental strength and physical suppleness.
- 105 105 Personality Development 1(0-2-1)**
Introduction of personality to improve self-image for the right time and the right place so as to develop and personify a courteous person.
- 105 106 Selected Sport 1(0-2-1)**
Introduction to selected games and sports for beginners, especially ones involving physical exercise outdoor activities, such as golf, tennis, swimming and volleyball.
- 105 108 Sport Dance 1(0-2-1)**
Study of the objective, the meaning, the history, the manner, the basic skills and the advantages of social dance, Type and rhythm of social dance for socializing.
- 222 201 Aviation Technical English I 3(3-0-6)**
Study Aviation Technical English vocabularies concerning about the general aviation business, focusing on speaking, listening, reading and writing as well as the business content in order to prepare the next course.
- 222 202 Aviation Technical English II 3(3-0-6)**
Pre-requisite: Subject 222 201 Aviation Technical English I



categories such as Heavy (H), Medium (M) or Light (L) as well as designator ICAO and military such as B74F/H (BOEING 747-400/Heavy)

222 210 Air Navigation 3(3-0-6)

Study about shape of the earth, calculations of position distance and time, true north and magnetic north, Variation, deviation, grid, types of navigation charts, air speed and ground speed, altitudes of aircrafts, basic knowledge of airway and radio navigation aids.

222 211 Communication and Codes Designator 3(3-0-6)

Study the principle and procedures of communication between controller and pilot or Ground to Ground AFTN network, Spelling alphabet and pronunciation follow ICAO, establishment identification of aircraft or ground station such as ATC units, procedure to designate location indicator for aerodrome or communication centre around the world, the meaning each letter in four letters location indicator.

222 212 Aeronautical Information Management 3 (3-0-6)

Study Objectives and scopes of Aeronautical information services, Aeronautical Information Publication (AIP) , AIP supplement, Aeronautical Information Regulation and Control (AIRAC), Aeronautical Information Circular (AIC) , Notice for Airmen (NOTAM), units providing aeronautical information services, collection of air navigation service in formations, Management AIS by using computer System, NOTAMs, contents of aeronautical information publication (AIP), availability of pre-flight and post-flight information.

222 213 Aviation Security and Safety 3(3-0-6)

Study the basic theory of aviation safety in the state organization or agency responsible for issuing the certificate shall suspend or revoke the air worthiness licensing. Investigation of aircraft accidents and near miss, Aircraft distress investigating approaches in a national jurisdiction or outside national jurisdiction

222 214 Human factors in Air Traffic Control 3(3-0-6)

Pre-requisite: Subject 222 206 Air traffic Services

Study concept of human factors in aviation, Anatomy and aviation, air traffic controller and soft wares, air traffic controllers and hardware as well as working environments.

222 301 Aerodrome Control Service 2(2-0-4)

Pre-requisite: Subject 222 203 Aerodromes

Subject 222 205 Rules of the air

Subject 222 206 Air Traffic Services

Subject 222 208 Aviation Meteorology

And Subject 222 211 Communication and Codes Designator

Study the aerodrome control service follow the Rules and Regulations as prescribed in Annex 2- Rules of the air, Annex 11- Air traffic services, Annex 14 -Aerodrome and ATM Doc 4444 - Air traffic management, consisting essential information for aerodrome traffic, functions of aerodrome control tower and the necessary to control traffic on the maneuvering area, Division of air traffic service unit as well as the unit responsible to provide Air Traffic Control service to aerodrome traffic, Study flight plan and flight progress strips, communication procedures and Air traffic control clearance.



- 222 302 Aerodrome Control Simulation 6(0-24-0)**
Pre-requisite: Subject 222 301 Aerodrome Control Service
Practice providing Air traffic control service to aircraft and vehicles operating on the maneuvering area of an aerodrome and aircraft flying in the circuit to achieve air traffic service objectives
- 222 303 Approach Control Service (Non- radar) 2(2-0-4)**
Pre-requisite: Subject 222 301 Aerodrome control service
Subject 222 302 Aerodrome control simulation
Study the procedure to issue the necessary information to arriving and departing VFR and IFR aircraft consisting of essential information, meteorological, NOTAM and other aviation information. Study Standard Arrival Route (STAR), Instrument approach chart (IAC) and Standard Instrument Departure (SID), Standard separation for departing and arriving aircrafts in both normal and abnormal conditions, Coordinate and issue air traffic control clearance for overflying, missed approach and emergency procedures and also providing alerting service.
- 222 304 Approach Control simulation (Non-radar) 4(0-16-0)**
Pre-requisite: Subject 222 302 Aerodrome control simulation
Subject 222 303 Approach Control service (Non-radar)
Practice providing approach control service (non-radar), consisting of using related information to provide arriving and departing traffic flying with Visual and Nav aids either normal or anticipated delay for safety, expedite and maintain orderly flow of traffic. Control of overflying traffic and missed approach aircraft as well as communication failure and emergency aircraft to enhance safety.
- 222 305 Radar Approach Control Service 6(6-0-12)**
Pre-requisite: Subject 221 303 Approach Control Service (Non-radar)
Study radar approach control service including air traffic service surveillance system assisting departing and arriving aircraft approaching aerodromes, principles of radar, radar equipments, radar identification, radar vectoring, control of arriving aircraft, secondary surveillance radar, transfer of radar control, abnormal procedures such as aircraft in state of emergency and communication failure.
- 222 306 Radar Approach Control Simulation 4(0-16-0)**
Pre-requisite: Subject 222 304 Approach control simulation (Non-radar)
Subject 222 305 Radar approach control service
Practice providing approach control service by radar consisting of vectoring arriving aircraft to final approach and vector departing aircrafts for expedite climb, use of standard separations, SSR identification, transfer of control, coordination with other air traffic service units, control of emergency and communication failure aircraft.
- 222 307 Area Control Service (Non-radar) 2(2-0-4)**
Pre-requisite: Subject 222 303 Approach Control Service (Non-radar)
Study essential knowledge for area control service non-radar consisting of airspaces, Division of responsibilities for area control center, air traffic control clearance and coordination, position reports, separations, holding procedure, Mach number technique, and reduction in separation minima.



- 222 308** **Area Control Simulation (Non-radar)** **4(0-16-0)**
Pre-requisite: Subject 222 304 Approach Control Non-radar Simulation
Subject 222 307 Area control service (Non-radar)
Practice providing area control service Non-radar, consisting of the use of air traffic control service to aircraft departing from one aerodrome to other aerodromes within country and international coordination with another ATC unit for air traffic control clearance or coordination with military for protecting scrambles, providing all types of separations (Vertical separation, Horizontal separation and composite separation), calculation for closure time, Techniques of marking strip and strips management, application of using match number techniques and Reduction in vertical separation minima (RVSM), control of emergency traffic i.e. Hijack, interception and communication failure.
- 222 401** **English Language Proficiency for Air Traffic Controllers** **3(3-3-6)**
Pre-requisite: Subject 222 202 Aviation technical English II
Study English language for the test in six areas, those are Pronunciation, Grammar structure, Vocabulary, Fluency manner, Comprehension and Interaction. The examinees must pass in 6 areas to be certified in Level 4 or Operational level according to the standard level of Aviation English recommended by International Civil Aviation Organization (ICAO) for holding license as a talent to use English for Air-Ground Radio telephony Communication.
- 222 402** **Aviation and Environment** **2(2-0-4)**
Study on Aviation Industrial growth and air transportation growth. Environment effected by aviation, Weather changing will be effected to the earth and human hygiene. Aviation and environment policy, Laws, rules and regulation of our State and international jurisdiction. Measure and protection of aviation environment approach.
- 222 403** **Air Traffic Service Planning** **2(2-0-4)**
Pre-requisite: Subject 222 206 Air Traffic Management
Study the roles and responsibilities of air traffic service administrators, organization of air traffic service units, planning and developing of air traffic service efficiency, air space management, human resources, and air traffic controller's provision of working safety, evaluations and cooperation of aeronautical personals.
- 222 404** **Safety Management System** **2(2-0-4)**
Pre-requisite: Subject 222 213 Aviation Security and Safety
Study the Safety Management System according to International Civil Aviation Organization standardization for accident prevention in airlines transport which composes of safety responsibility, State safety planning, and Basic safety Management, Risk management and reporting, Investigation, Safety study analysis, Emergency plan, Safety investigation and assessment.
- 222 405** **Flight Operation Management** **3(3-0-6)**
Pre-requisite: Subject 222 208 Aviation meteorology
222 210 Air Navigation
Study the processes involved airlines for flight operation safety, Flight planning, Flight routes preparation, Calculating method of aircraft fuel quantity consumption, Aeronautical information message and flight operation procedures, dispatching techniques of planning the commercial flight consisting of essential mass and limitations, route selection, meteorological factors, calculation of performance of aircraft in various stages of flight, fuel calculations, determination of



alternative aerodromes, Extended Twin Engine Operation performance (ETOP) and transmission of flight plan.

222 406 Aircraft Weight and Balance Control 2(2-0-4)

Study the procedures to calculate the center of gravity (CG) for balance and stability of aircraft structure based on momentum and principles, load limitations, loading instructions, dangerous goods (DGR) and special loads.

222 407 Airport System and Airport Operation Management 3 (3-0-6)

Study the system and airport management procedures, roles and function of each unit in the airport, the historical aspect of the airport hub and spoke system, management of aircraft arrivals and departures, Airport operation and management in Airside and Land side, aircraft maintenance, unit management, airport facilitations in accordance with International Civil Aviation Organization (ICAO) and International Air Transport Association (IATA) standardization, airport facilitations for arrival – departure passengers, cargo handling for the International and Non-international airports including other facilities to support the airport.

222 408 Air Transport System 3(3-0-6)

Study chain of suppliers, customers and suppliers, understanding of life cycle by system analysis, the importance of the logistics role, Organizations and relevant agencies to manage the supply and logistics, types and categories of air cargo systems, the routes of flight and air transport privilege, Marketing system and air transport carrier path, Air transport operations, function and responsibility of air lines transportation services, Rules, regulations, provision and agreement related to air transport services, Air Transport Association.

222 501 Pre- cooperative Education 1(1-0-2)

Study principles, ideas, processes, steps, rules and regulations of on –the job training, basics and techniques to apply for a job which include company selection, application letter writing, job interviewing, a new job preparation; quality management such as 5S and ISO9000; techniques for making presentation for a proposed or completed project and technical report writing; personality development for future success.

222 502 Co-operative Education 8 credits

Pre-requisite: Subject 222 501 Pre-Cooperative Education

Student has to perform academic or professional work as a full-time temporary employee in his field of study in a workplace for a period as specify by course director. Student shall submit the official report of On-the job training to course director after ending the session. Passing grade of assessment shall be determined by assessor at the working place.

222 503 Communication, Navigation, Surveillance for Air Traffic Management 3(3-0-6)

Condition: The student shall study and make presentation the modern system, Using in Air Traffic Management comprising Satellite for communication, Satellite for navigation and Satellite for surveillance.



- 101 115 Governments** **3(3-0-6)**
Study of evolution of Thai government from the days of the absolute monarchy to the present, with the emphasis on constitutions and governmental structures, legislative, executive and judicial institutions, central, regional and local government, including political movements and political changes.
- 101 116 Politics** **3(3-0-6)**
Study of important issues and ideas of politics: a wide range of different areas and ideas including current political controversies, international relations politics and globalization; great political thinkers, important political, ideologies, different political systems.
- 101 117 Introduction to Law** **3(3-0-6)**
Introduction to the interface between the legal system and society with emphasis on administrative law, constitutional law, general law and taxation statute.
- 102 102 The Art of Thinking** **3(3-0-6)**
Investigation of a systematic thinking skills using western knowledge and eastern wisdom; cultivation of creative thinking mechanisms for the students to take initiatives, find alternatives, develop bold ideas, solve every day's problems and broaden one's perspectives.
- 102 103 Introduction to Philosophy** **3(3-0-6)**
Introduction key concepts and fundamental questions of philosophy: "What is there?" (Ontology) and "How do we know?" (Epistemology), with emphasis on "The theory of knowledge" and the central themes in philosophy which have shaped the way we think about the world, along with their applications to everyday life and society.
- 102 104 Introduction to Psychology** **3(3-0-6)**
Introduction of basic concepts in general psychology, community and social psychology with emphasis on the contribution to the understanding of contemporary changes in human behaviors.
- 102 107 Art Appreciation** **2(1-2-3)**
Introduction to history of western arts: the arts of the Ancient Middle East, Antiquity, early Christian and Byzantium, Migration Period, Romanesque and Gothic, 13th to 16th century's Renaissance, 17th and 18th Baroque and Rococo and 19th and 20th century's Europe; the developments in a series of studio exercises exploring the formal elements of the visual language and how they function in communicating ideas and emotions.
- 102 108 Music Appreciation** **2(1-2-3)**
Introduction of music for students having no prior musical training; develop the students' ability to listen to music actively and to stimulate curiosity and enthusiasm towards new and unfamiliar music or sounds; introduction of western music and musical styles from the middle ages to present; basic musical notation and acquisition of music listening skills to increase one's musical awareness.
- 102 111 World Literature I** **3(3-0-6)**
A survey of the world's literary masterpieces, from the Ancient World through the Modern Age.
- 102 113 Library Skills** **1(1-1-1)**
A task-based approach to use the library and on-line resources, emphasis on locating information resources, finding periodicals and reference materials, including intensive practice and familiarity with computer terminals and the use of internet in writing term papers.
- 102 114 Study Skills** **1(1-1-1)**
Concepts and techniques to develop essential skills for the College students to succeed in the course of study; roles and responsibilities of the students to create individual career prospects and social development.
- 102 115 Communication and Human Relation** **3(3-0-6)**
Study how human relations helps achieve career success and increased work/life balance; examines strategies for improving personal and workplace communications, identification of personal



communication styles, how language and cultural differences may create barriers to effective communication, approaches for creating a professional presence, self-esteem building, and professional ethics.

103 101 Thai for Special Purpose **3(3-1-6)**

Communication skills in Thai, emphasis on speaking, reading and writing for academic and various professional purposes.

103 102 Basic Thai for International Students **3(3-1-6)**

The development of communication skills in Thai, emphasis on listening, speaking, pronouncing different tones, and the ability to read, write and speak basic words, group of words, and sentences encountered in everyday life, the practice of using Thai correctly and appropriately in real social context.

103 111 College English 1 **3(3-0-6)**

The practices of listening comprehension by using English and video materials containing daily conversations, extended discussions and in-class lessons; the practices of reading comprehension using selected English articles from a wide range of announcements, instructions, newspapers, magazines and journals – with special emphasis on skim reading techniques.

103 112 College English 2 **3(3-0-6)**

Prerequisite: 103 111 College English 1

Principles and practices of English pronunciation and speaking, to enhance the student's verbal and non-verbal communication skills through oral communication theory and practical application.

103 113 College English 3 **3(3-0-6)**

Prerequisite: 103 112 College English 2

Practice simple forms of paragraph development such as chronological and spatial; effective writings with experiences in a variety of types of writing styles: descriptive write, argumentative write, narrative write, expository write, discursive write, and a combination of these types.

103 115 College English 4 **3(2-2-6)**

Prerequisite: 103 113 College English 3

A rhetoric-with-readings course helping students master the essential features of the writing process; through assigned reading selections that will generate assignments, students will learn to apply the basic principles of writing well-developed essays; the four principles of unity, support, coherence, and sentence skills will be highlighted and reinforced.

104 103 Introduction to Statistics **3(3-0-6)**

Introductory study of descriptive and inferential statistics emphasis on data analysis, presentation of data, testing statistical hypotheses, correlations and level of significance.

104 108 College Algebra **3(3-0-6)**

Basic concepts of numerical systems, include real and complex numbers; concepts of functions; techniques of solving equations and inequalities; polynomials; exponential and logarithmic functions; concepts and applications of sequences, time series and the binomial theorem.

104 109 Calculus **3(3-0-6)**

Basic concepts of plane analytical geometry, limits, continuity, derivative, maximal and minimal, anti-derivatives, and applications of definite integrals.

104 110 Finite Mathematics **3(3-0-6)**

Introductory to algebra and trigonometry, matrices and systems of linear equations, descriptive statistics and elementary concepts of probability; intended primarily for students in the Social Sciences and Professional Schools.

104 111 Physical Science **3(3-0-6)**

The basic chemistry and physics for non-science majors.



- 104 112 Principles of Biology** **3(3-0-6)**
An up-to-date of principles and concepts of biology; emphasis on the coordinating processes that constitute life; organization of the living world from unicellular to multi cellular organisms; homo sapiens and special vertebrates.
- 104 113 Principles of Biology Lab** **1(0-2-1)**
Principle of Biology Laboratory experiments in basic measurements, microscopy, ecology, cell structure, bioenergetics, cell reproduction, and heredity.
- 104 114 General Chemistry** **3(3-0-6)**
Basic concepts of physical chemistry; stoichiometry; atomic structure and chemical bonding; acid-base reactions; oxidation and redox reactions; behavior of gases; inorganic and organic chemistry; biochemistry; various applications of chemistry ranging from food and food additives to air and water pollution.
- 104 115 General Chemistry Lab** **1(0-2-1)**
Practical techniques such as reparation, crystallization, titrations and identification with qualitative and quantitative chemical analysis; experiments that demonstrate some of the principles covered in the lectures.
- 104 116 General Physics** **3(3-0-6)**
Introduction to physics primarily for computer science and engineering majors; topics are mechanics, gravitation, wave motion, sound, properties of matter, heat and thermal physics.
- 104 117 General Physics Lab** **1(0-2-1)**
Laboratory work includes the empirical evidences and skills involved in theoretical concepts of physics. It develops experimental, observational, manipulative and reporting skills; topics are relationship between distance & displacement, free fall of body, linear and angular displacement, matter and properties.
- 104 118 Computer Applications** **3(2-2-5)**
Introductory study of computers: what they are, how they work, and their applications – with emphasis on computer literacy, practical experience complemented by hands, on use of spreadsheet, database, word processor and integrated packages.
- 105 101 Aerobics** **1(0-2-1)**
A physical exercise to sustain and improve health, focusing on balance of strength through continuous body motion and cardiovascular enhancement.
- 105 103 Mindfulness in Motion** **1(1-1-1)**
A practice of the path of mindfulness in motion, the meditative techniques to stay healthy and hedonic, prolong life by harmonizing the duality that the Chinese call ‘*Yin & Yang*’ according to the soft approach of Tai Chi philosophy.
- 105 104 Wellness Development** **1(1-1-1)**
Enrichment of wellness and healthy lifestyles, focusing on developing good health through recreation, leisure and good food, along with the cultivation of mental strength and physical suppleness.
- 105 105 Personality Development** **1(1-1-1)**
Introduction of personality to improve self-image for the right time and the right place so as to develop and personify a courteous person.
- 105 106 Selected Sport** **1(0-2-1)**
Introduction to selected games and sports for beginners, especially ones involving physical exercise outdoor such as golf, tennis, swimming and volleyball.
- 105 108 Sport Dance** **1(0-2-1)**
Study of the objective, the meaning, the history, the manner, the basic skills and the advantages of social dance, Type and rhythm of social dance for socializing.



- 211 111 Principles of Accounting I** **3(3-0-6)**
Fundamental concepts of accounting; analyzing and recording financial transactions; preparation of income statement, the balance sheet and interpretation of financial statements; analysis of assets, liabilities and equity; partnership and corporations; fund flow analysis; introduction to software applications in accounting.
- 211 311 Business Finance** **3(3-0-6)**
Introduction to corporate financial management, focus on financial policies, analysis and valuation of business in global; other topics are capital markets, risk and return, financial planning, capital budgeting, cost of capital, and working capital management.
- 211 313 Managerial Accounting** **3(3-0-6)**
Prerequisite: 211 111 Principles of Accounting I
Managerial uses of accounting data in decision making; cost analysis; system to accumulate, summarize, and distribute financial information; impact of taxes on the firm; emphasis on planning and control techniques through accounting data and information.
- 212 214 Principles of Information Systems** **3(3-0-6)**
Principles and techniques used in information systems to support various business processes, system development life cycle, feasibility study on applying computer applications in business work, system planning, and proposal/TOR preparation for business systems, preparation and interpretation of decision tree, decision table, data matrix and data flow diagram; lab tool: Embarcadero ER/Studio 4.2.
- 213 211 Principles of Marketing** **3(3-0-6)**
Study of marketing concepts, marketing function, marketing decision – making, marketing mix, market segmentation and the environment affecting marketing.
- 214 101 Principles of Economics** **3(3-0-6)**
Broad idea on micro principles and macro concepts of Economics. It consists of demand, supply, market, price, cost, profit income, money, banks, interest, tax, employment, inflation, imports and exports etc; students are expected to complete assignments and small projects; read extensively which enables them to analyze common economic facts around them.
- 214 201 Principles of Management** **3(3-0-6)**
Study of development and functions of management: planning, organizing, staffing, directing and controlling, and applying of modern techniques for management.
- 214 202 Business Statistics** **3(3-0-6)**
Study of the application of statistics in business, test of statistical hypotheses, chi-square test, index number, regression and correlation, analysis of time series and forecasting.
- 214 203 Business Law** **3(3-0-6)**
Study of civil and commercial law, partnerships, corporations, the law of contracts, sales, warranties, agency, arbitration and others.
- 214 204 Taxation I** **3(3-0-6)**
Principles of taxation and methods of tax collection in accordance with the government's tax laws and other laws related to business: personal income tax, corporate income tax, value added tax (VAT), excise tax, import duties and other tax laws imposed by the government of Thailand.
- 214 301 Quantitative Analysis for Business** **3(3-0-6)**
Study of linearity and linear programming methods, applications of linear programming, classical decision theory, queuing theory, inventory methods and simulation.
- 214 302 Production and Operations Management** **3(3-0-6)**



A study of production and operating systems, problems in manufacturing and service organizations; product development and process selection ; facility location and design; operations planning and control ; materials handling ; inventory control ; just – in – time philosophy.

214 311 Human Resource Management 3(3-0-6)

An overview of the major functions of human resources: equal employment opportunity, affirmative action, recruitment, selection, managing performance, employee development, compensation, incentive and benefits administration, labor unions and the impact of government regulations.

214 409 Strategic Management 3(3-0-6)

Prerequisite: Senior Standing; preferably taken in final semester.

Awareness of the roles and responsibilities of managers as they direct their organizations in an ever changing environment; emphasis on case studies is emphasized.

215 315 Hotel Operations Management 3(2-2-6)

Evolution of lodging or accommodation industry both international and in Thailand. These include accommodation classification, types of hotels and their grading. Hotel organizational structure and its functions for various departments with departmental key positions. Concepts, principles and styles of hotel business management. Development and trends of lodging business and international hotel chains. Hotel and its related business. Field trip required.

215 412 Information Technology for Tourism and Hotel 3(3-0-6)

Prerequisite: 104 118 Computer Applications

Basic knowledge of information Technology, Definition of IT and ICT in the accommodation sector; travel and transportation sector; attractions and historic sites sector; destination and national tourism marketing. Understanding the role of ICT in Hospitality and tourism distribution, impact of ICT on trundling tourism and hospitality distribution chain in relation to intermediaries and other service providers; consumer behaviors and understanding to new applications within hospitality and tourism.

216 308 Airline Strategic Planning and Management 3(3-0-6)

Basic strategic planning process, strategic anticipation, strategic choice, action plan, review and governance.

216 311 Tourism and Hotel and Airline Business Management 3(3-0-6)

An overview of supervisory careers, opportunities and responsibilities in the food service, lodging and tourism industry; the content includes historical developments, pioneers and industry leaders, as well as example companies; provides insight into the introductory background of Aviation Industry; familiarization to aircraft layout and terminology, aircraft furnishings, systems and terminology, general aviation and ground and airport operations terminology, Greenwich Mean Time (GMT) and time zones, international date line, world airport codes and airline codes and airline designators.

217 102 Computer Application and Information Technology in sports Business 3(2-2-5)

Prerequisite: 104 118 Computer Applications

Introductory knowledge of computer and information technology for everyday life and work, calculation, presentation, searching, application of those knowledge for sports.

217 201 Sports Management 3(3-0-6)

Study in history, philosophy, concepts and evolution of sport; the beginning of professional sport management; exploring the fundamental understanding of various disciplines such as sport psychology, sport marketing and promotion, the economic dimension of sport, sport and the media, structure, development process and various sport system services interrelate to different concepts



involved in the basic-based, community-based, sports competition for excellent sport - based and professional-based programs; the role of management in sport, opportunities, career advancement and relevant professional organizations.

217 205 Sport Marketing and Strategies 3(3-0-6)

Concepts of sport marketing, the environmental factors affecting sport marketing, consumer behavior, marketing segmentation, target marketing, marketing mix and specialized markets; A study on components, marketing, strategy process, strategic marketing plan, opportunities and issue analysis and creating a competitive advantage; preparation of the corporate-level strategy in marketing, business level, target market strategies, competitive strategies in accordance with the current situation, including a strategy implementation and control.

Specialization Required Courses

1) Marketing

213 312 Consumer Behavior 3 (3-0-6)

A guide to understanding consumers and industrial buyers for more effective marketing; subjects such as sociology, psychology and anthropology are applied to the aspects of marketing decisions and strategies.

213 313 Sales Management 3(3-0-6)

Examines the fundamentals of sales management; sales planning, sales quotas, sales budgeting, sales forces duties, selection, retention, compensation, termination of sales personnel and supervision techniques to build a motivated and productive sales force.

213 314 Product and Pricing Policy 3(3-0-6)

Study of policies and strategies in product development and pricing, the planning, analysis and evaluation of changes in the product; principles and techniques used in the pricing of products and product lines, product policies and its impact on price differentials.

213 316 Logistics Management 3(3-0-6)

A system approach to supply and distribution of goods and activities aimed at minimizing total cost and effective customer service; emphasis on key logistics activities: transportation, warehousing, inventory material management and purchasing, order processing, materials handling, packaging, and customer service; supply chain management and INCOTERMS.

213 317 Marketing Channels 3(3-0-6)

Analysis of the coalition of merchants, agents and other institutions which together constitute the channel of distribution for consumer and industrial goods; emphasis on designing, operating, controlling and evaluating channel structures in a competitive environment.

213 319 Marketing Management 3(3-0-6)

Study of concepts and techniques for the effective management of marketing functions in business enterprises; emphasis is placed on the planning and controlling of the marketing mix, product policy, channel strategy, promotion management pricing, and marketing program management.

213 327 Promotion and Advertisement 3(3-0-6)

Focus on promotion as a communications process and the integration of promotional elements into the total strategies of the firm; an overview of agency operations, media strategies, prints and electronic medias, and copy creations and concepts; advertising plan must be developed as the main principle for the organization.

213 402 International Marketing 3(3-0-6)

An analytical approach to the international marketing function of an organization primarily from the standpoint of managerial decision making; topics include international environment,



international marketing strategies, international segmentation; issues of the product, price, distribution and promotion within the framework of the organizations goals, and ethical implications.

213 407 Service Marketing **3(3-0-6)**

Study of the nature and characteristics of market and consumer behavior for various services, marketing mix for services; and in specific service businesses.

213 497 Marketing Research **3(3-0-6)**

Study of research design, data collection methods, sampling techniques, tabulation, analysis and presentation of information concerning problems in marketing.

213 498 Seminar in Marketing Problems **3(3-0-6)**

Each student selects a marketing management problem or issue, and prepares a major investigative paper; case analyses and discussions.

2) Business Computer

212 211 Computer Technology and Programming Concepts **3(3-0-6)**

Prerequisite: 104 118 Computer Applications

A study of computer system architecture, internal data representation, computer operation, computer system configuration (CPU, memory unit, I/O unit), operating systems, networking and communications, along with a study of fundamental concepts of programming languages by presenting design issues of the various language constructs, examine the design choices for these constructs in a few common languages, and critically comparing the design alternatives.

212 212 Data Structures and Algorithms **3 (2-2-6)**

Prerequisite: 212 211 Computer Technology and Programming Concepts

A study of analyzing algorithms and problems, data abstraction and basic data structures, recursion and induction, sorting, selection and adversary arguments, dynamic sets and searching, graphs and graph traversals, graph optimization problems and greedy algorithms, transitive closure, dynamic programming, string matching, polynomials and matrices. Lab tools: Turbo Pascal and Java.

212 213 Data Communication and Network **3(3-0-6)**

Prerequisite: 212 211 Computer Technology and Programming Concepts

A study of basic knowledge of data communication, transmission media, communication devices and computer network, fundamentals of network design, OSI model, network topology, multi-layer protocols, routing machine, circuit switching, packet switching, and message switching, Local Area Network, the Internet, intranet and extranet.

212 312 Database Systems **3(2-2-6)**

Prerequisite: 212 212 Data Structures and Algorithms

A study of database systems and database management, type of database systems with emphasizing on relational database, data manipulation and data description languages, database design, normalization, functional dependency, ER diagrams, query optimization, integrity and security of database system, and concurrency control. Lab tool: Microsoft Access 2000.

212 313 Object-Oriented Programming **3(2-2-6)**

Prerequisite: 212 212 Data Structures and Algorithms

A study of theories and programming practices of object-oriented software concepts, design and construction, covering topics on objects, class methods, inheritance, type hierarchies, polymorphism, operator overloading, class library design, the contract model of design, and design patterns. Lab tool: Java.

212 316 Web-based Application Development **3(2-2-6)**

Prerequisite: 212 211 Computer Technology and Programming Concepts



A study of a web-based application development by introducing the fundamentals of Web pages authoring, user interface design, writing HTML, generating HTML links, adding graphics, creating image maps, tables, frames, and forms, integrating Web pages with CGI, Java Script and applets as well as the details and understanding of Web site components, Web site setup, Web server and application server configuration and fine-tuning, and database connection. Lab tool: Microsoft Internet Information Services 5.0, Macromedia Ultradev 4.0.

212 320 Application Development Using Visual Basic 3(2-2-6)

Prerequisite: 212 312 Database Systems

A study for the skills necessary to create visual basic programming, desktop applications, building custom/multiple-form applications, incorporating dynamic menus, pop-up menus, status bars, and custom toolbars, implementing form-level and field-level input validation, debugging applications, using standard controls, controlling arrays, creating controls dynamically, using the data controls for database access, implementing drag and drop features, using ActiveX controls and creating setup programs to distribute applications. Lab tool: Microsoft Visual Basic 6.0.

212 321 Information Systems Analysis and Design 3(3-0-6)

Prerequisite: 212 312 Database Systems

A study of principles and techniques used to analyze information systems to support various business processes, system development of life cycle, feasibility study on applying computer applications in business work, system planning, existing systems analysis, and proposal/TOR preparation for business systems, preparation and interpretation of decision tree, decision table, data matrix and data flow diagram. Lab tools: Embarcadero ER/Studio 4.2. A study of designing techniques of information systems, the I/O design, the processing design, control design, file and database design, system testing, the implementation phases, system maintenance and review. Lab tool: Embarcadero ER/Studio 4.2 and GDPro 5.0.

212 414 Electronic Commerce 3(3-0-6)

Study of necessary knowledge and skills required to develop and start a business on the Internet, including an overview of Internet commerce, business basics, business rules, advertising, marketing, e-business law, security issues, describing electronic commerce applications and challenges in banking, retailing, and publishing, electronic commerce applications internally within the corporation: supply-chain management, manufacturing, and finance.

212 499 Business Computer Project 3(0-9-6)

Do a specific project applying the knowledge acquired to design and develop a concrete program or system; analyze the problems, define the solution and design the system using various computer science concepts; advisor will guide students throughout the course of project development; give a presentation and pass an oral examination.

313 204 Operating Systems 3(3-0-6)

A study of components and functions of operating systems; uni-programming, multi-programming, multitasking, multithreading, resource management functions of operating systems; process scheduling algorithms, device management algorithms; virtual memory management; classical problems related to operating systems such as deadlock, starvation, and concurrency.

3) International Business

211 321 International Financial Accounting 3(3-0-6)

Study of financial accounting from a multinational viewpoints; includes: financial accounting for international operations, comparative international accounting principles, and international financial reporting.

211 323 Accounting Information Systems 3(3-0-6)



Study of the design of systems for the collection, organization, and reporting of accounting information; theory and practice of flowcharting, evaluation of internal accounting controls through computer system, and interrelations of people, procedures and equipment.

211 422 Financial Reporting and Statement Analysis 3(3-0-6)

Study of methods and techniques of financial statements analysis for users' decision making, corporate financial statements are used to prepare both short-term and long-term financial plans; the management of working capital is also examined; discounted cash flow technique are used in developing capital budget and use them as a tool for making investment decision; methods for deciding how assets are to be financed and factors influencing capital structure decisions are also studied.

213 402 International Marketing 3(3-0-6)

Analytical approach to the international marketing function of an organization primarily from the standpoint of managerial decision making; topics include international environment, international marketing strategies, international segmentation; issues of the product, price, distribution and promotion within the framework of the organizations goals, and ethical implications.

213 497 Marketing Research 3(3-0-6)

A study of research design, data collection methods, sampling techniques, tabulation, analysis and presentation of information concerning problems in marketing.

214 215 Finance and International Banking 3(3-0 6)

Surveys of the international banking and financial arenas; concepts and principles of international banking and financial management with an emphasis on global integration.

214 219 Managerial Economics 3(3-0-6)

Prerequisite: 214 101 Principles of Economics

The application of microeconomics analysis to business problems and decisions; topics include marginal analysis, demand analysis, production and cost analysis, marketing and pricing analysis and capital investment.

214 306 International Trade 3(3-0-6)

Analysis of contemporary topics in international economics involving trade theory, trade policy, monetary system, capital market, exchange rate, balance of payment, regional blocks, multilateral trade agreements, foreign investment and capital flows, including those resulting from operations of multinational firms.

214 307 International Business Management 3(3-0-6)

Study of global business environments, international business entry, international marketing, cultural management in transnational enterprise, multinational financial management, international human resources and strategic planning in international business.

214 313 Organization Development 3(3-0-6)

Study of the development and delivering of an effective training program, the evaluation of the impact of development programs on organizational effectiveness, topics include skills training, team-building and managing change.

214 403 Small Business Management and Entrepreneur 3(3-0-6)

Study of the principles, concepts, and procedures of starting up and operating a small business, including project initiatives, feasibility study, planning, organizing, establishing, controlling, marketing, financing, managerial functions and governmental regulation.

4) Tourism and Hotel Management



- 214 429 Marketing Communication** **3(3-0-6)**
Overview of marketing communication, advertisement, sales promotion, public relations, and knowledge integration; the key approach is to encourage students to apply the knowledge to issues, cases and situation in the workplace.
- 215 316 Professional Ethics and Laws for Hotel and Tourism** **3(2-2-6)**
The roles, responsibilities, duties and liabilities in the hotel and tourism business towards customers and society; the concepts of business ethics, business law for hotel and tourism business, problems of business ethics, solutions and development.
- 215 319 Food and Beverage Operations** **3(3-0-6)**
Food and beverages operations, cost control, financial viability, banquets management, floor planning, menu planning, beverage lists, bar management, procurement of restaurant equipment, kitchen setup, and market analysis.
- 215 404 Rooms Division Management** **3(2-2-6)**
The roles and importance of the Rooms Division is explored including concepts, functions, responsibilities, operations; room rate establishment and pricing, the guest service cycle, budgeting, performance, staff training and case studies.
- 215 413 Tourism and Hotel and Tourism Marketing** **3(2-2-6)**
Meaning and definition of marketing and special characteristics of tourism and hospitality products, their significances in achieving business goals, marketing environments, service customer behavior, strategic planning and action plans through marketing mixes; learners acquired marketing skills through the assigned term project and prepare marketing plan for tourism and hospitality products.
- 215 415 Tour Business Operations** **3(3-0-6)**
Definition, importance, patterns, trends and the roles of tour business operation as tour operator and travel agency; Establishment, operations, automation systems, production planning, negotiation, marketing, basic accounting, tour program, personnel and financial management in tour companies; Quality customer cares for tourist; business ethics reliability and safety for tour operations; relationships and business concerns with other tourism principals.
- 215 421 Quality Service Management** **3(3-0-6)**
Concepts and importance of quality service management, fundamental strategies for delivering including types of superior performance to ensure competitive advantage.
- 215 424 Psychology for Hospitality and Cross-Cultural Communication** **3(3-0-6)**
Concepts and social behavior processes, learning, persuasion, work values and recreations, applying psychological concepts to service; awareness and skill building for impressiveness and organization engagement, smooth relationship building with all levels of staff, teamwork values understanding each other and the ability to serve the customers' needs for achieving objectives in domestic and international levels based on cross cultural management.
- 215 497 Basic Research Methods in Tourism and Hotel** **3(3-0-6)**
Methods of research applicable to tourism planning and management, emphasis on quantitative and qualitative methods of research design, data gathering, data analysis and drawing conclusions in the research process.
- 215 500 Pre-cooperative Education** **3(3-0-6)**
Principles, concepts and processes of Cooperative Education, related rules and regulations; basic knowledge and techniques in job application and working; communication and human relations; Personality development; quality management system in work place; presentations techniques and report writing.

**216 311 Tourism, Hotel and Airline Business Management****3(3-0-6)**

An overview of supervisory careers, opportunities and responsibilities in the food service, lodging and tourism industry; the content includes historical developments, pioneers and industry leaders, as well as example companies; provides insight into the introductory background of Aviation Industry; familiarization to aircraft layout and terminology, aircraft furnishings, systems and terminology, general aviation and ground and airport operations terminology, Greenwich Mean Time (GMT) and time zones, international date line, world airport codes and airline codes and airline designators.

5) Sport Management**217 101 General Aspects of Sport****3(3-0-6)**

A study of meaning, scope, objectives, types, and advantages of sports; characteristics of various types of sports towards the standards, the national sports development plans, basic-based sports, community-based sports, sports competition for excellent sport –based and the professional-based programs.

217 103 English for Exercise Sport and Recreation Business I**3(3-0-6)**

Intergraded skills in English for academic purposes in exercise and sports; self-expression in paragraphs leading to the essay level ; using every day and field-related topics; with emphasis on both written discussion and oral presentations.

217 202 Sport Sociology**3(3-0-6)**

Examine the definition, importance and component of social issues in sports; the relationship between sport and social; sport needs of individuals and society; institution and organization involved in sport management and services; problems related to environmental, economic, political and cultural factors influence the sport; advantages of the use of sports and social development.

217 203 Good Governance of Sport Management**3(3-0-6)**

Study of historical background, rules of sports and responsibilities of individual, managerial and sport organizational accountability towards the social and country; analysis of the pattern and structure of sport organization appropriate to the context of social, economic, and political change for sustainable development of sport organization, establish a monitoring and evaluation capacity tool and an accountability and transparency system of the administration of sports to increase efficiency and effectiveness of sport organizations.

217 204 Sport Law and Risk Management**3(3-0-6)**

Study of the basic knowledge of laws and regulations related to sport management such as Employment, Contract and Tort Law and the laws relating to business transactions involving various issues including issues unique to the sport business ; an analysis plan and risk management plan in a wide variety of sport and exercise programs and facilities.

217 301 Health and Sport Administration Business Enterprise**3(3-0-6)**

Concept of sports and health business enterprise management; from the beginning of business establishment, service guidelines, determination of policies and strategies, planning, budgeting , monitoring and evaluation congruence with characteristics of health and sport management business enterprise including business extension methods of solving problem and obstacles to health and sport administration business enterprises.

217 302 Sponsoring and Sport Communications**3(3-0-6)**

Introduction of principles and methods of providing support for sport business; giving and getting support; benefits; negotiation; plan implementation and evaluation; a study of the principles and theories in advertising, public relations and basic communication for sport and exercise; advertising,



media planning & analysis and various aspects of public relations through printing media, radio, television, media persons and internet including appropriate and effective methods of presenting information in sports and exercises.

217 303 Organization Behavior in Sport Business 3(3-0-6)

Basic concepts of sports organizational behavior: interpersonal relations among people within organization, organization to organization individual and group level; by studying factors that affect expressions and be able to apply the concept to increase efficiency and job satisfaction; Including organizational behaviors, leadership, communication; conflicts and changes in sports organization.

217 304 Leadership and Ethic Sport 3(3-0-6)

Concepts, theories about leadership and the determinants of the leaders; methods of leading that influence leader behavior; adaptation of leaders in various situations, to improve performance and ethics of sport business in corporate social responsibility as part of social organization; provide opportunities for student participation and discussion to explore the practices, ethics and ethics of business, executives and business owners of sports.

217 401 Sport Event and Facilities Management 3(2-2-5)

Process and how to manage both individual sports and team, determine the number of teams, put the team division race lines, its application in various sports tournaments for international standards. Principles and guidelines for the management, utilization and maintenance of sports facilities for indoor and outdoor, facilities and sports convenience facilities and sports equipment to achieve maximum efficiency and effectiveness.

217 402 Senior Project in Sport Management 3(0-9-0)

Research and gather specific knowledge about the system and / or apply knowledge to specific problems, some problems with the application; students must report the progress of the work to the Advisory Committee from time to time and shall prepare a report on progress of the project; development of the project until completion; the preparation of final report with oral presentation.

6) Airline Business

216 206 Airline Sales and Marketing Management 3(3-0-6)

Study of many levels of different level of airline sales and marketing personal: area managers, sales managers, sales representatives, and marketing managers covers all aspects of marketing and management as applied to the airline industry, the approach taken is practical; emphasis on application of management, financial, and marketing knowledge so that the students will gain a thorough understanding of the subject.

216 209 Airport Ground Services Management 3(3-0-6)

Study of necessary ground service activities such as: tickets and ticket acceptance, miscellaneous charges orders, credit cards endorsements, fraud, skills for giving passenger service, baggage operations, boarding and arrival: gate procedures and problems, special passenger handling procedures, delay handling, handling difficult situations and disruptive passengers. This module also stresses awareness of IATA Safety Audit for Ground Operations (ISAGO).

216 210 In-flight Services 3(3-0-6)

Study of crew duties, flight safety, emergency and boarding procedures; food and beverages services in different classes; in –flight announcements and entertainment.

216 301 Occupational Health and Safety for Airline Business 3(3-0-6)

Study of Environmental, Health, and Safety (EHS) guidelines; specific examples of the airline industry; case studies for concepts and problem analysis.



- 216 303 Airline Catering Management** **3(3-0-6)**
Studies of airline catering system for in-flight services focusing on food preparation, menu selections, meal reservation for urgent requests, meal delivery, and communication with airlines.
- 216 307 Airport Management** **3(3-0-6)**
Provide insight into the management functions of airport authorities and working answers to all essential airport related questions; excellent source of information for start-up embryo airlines; the program is not based on national policies and procedures, but on general accepted management practices.
- 216 314 Airline Ticketing and Reservation** **3(3-0-6)**
Three GDS systems: Amadeus, Galileo or Sabre; insight into various fares and ticketing operations such as: analyzing itineraries and retrieving fares from a GDS, introduction to the mileage system, practice pricing one way and circle trips, limitations on indirect travel, side trips and surface sectors, backhauls, circle trips, journeys in different classes of service and alternative fare break points, lowest combinations, round-the-world journeys, sales indicators and minimum checks, currency conversion, taxes and practice ticketing.
- 216 315 Air Cargo Management** **3(3-0-6)**
A study of basic components of business operations of air cargo and air freights, typologies of products, rules and regulations, air cargo rates and charges, regulations on packaging, labeling, inspection and acceptance procedures, documentations, warehousing, process as well as jargons conventionally used in air cargo industry.
- 216 403 English for Profession Development** **3(2-2-6)**
Familiarization of specific technical terms used. The practice of listening, speaking, writing and reading skills; trains students for careers; provide knowledge and skills in English; how to maintain a professional appearance and skills in being service oriented; preparation in the TOEIC exam.
- 216 499 Field Experience in Aviation Business** **6 credit**
Principles, concepts and processes of cooperative education; related rules and regulations, basic knowledge and techniques of job application and working, communication and human relations, personality development, quality management system in work place, presentations techniques and report writing.
- 211 317 Profit Planning and Control** **3(3-0-6)**
Prerequisite: 211 311 Business Finance
A study of various types of budgets for managerial planning and control such as cash budgeting, capital budgeting, production budgets, etc; interrelationship among budgets; cost-volume-profit analysis and other related topics.
- 211 324 Accounting for Financial Institutions** **3(3-0-6)**
Prerequisite: 211 111 Principles of Accounting I
Study accounting for financial institutions: bank accounting, including financial documents, recorded transactions, closing entries, financial statements, and regulatory issues.
- 211 325 Internal Audit and Control** **3(3-0-6)**
Prerequisite: 211 111 Principles of Accounting I
Study of regulation and monitoring the internal control of the entity, the objectives and the elements of the Internal Control, the meaning of the internal control in accordance with COSO's concept, COSO's Enterprise Risk Management : ERM Framework, guidance on monitoring the internal control systems , Internal Control Unit Organization, ethics and the internal audit standard, the components of the internal control, implementing ERM on key performance, including the Auditor's duties and responsibilities for the corruptions or crooks in the organization.



- 211 424 Tax Accounting for Corporations and Partnerships** **3(3-0-6)**
Prerequisite: 214 204 Taxation I
Tax planning, litigation, administration of a tax practice, and professional responsibilities; effect of income tax laws on partnerships and corporations.
- 211 425 Accounting Theory** **3(3-0-6)**
Prerequisite: 211 111 Principles of Accounting I
A study of the concept and basic assumptions of accounting; topics include the local and international institutions regulating accounting standard, assets, liabilities, capital, income, expenses, evaluation of main accounting concepts, survey of contemporary accounting field, with emphasis on latest developments and issues.
- 211 426 Accounting for Financial Instruments** **3(3-0-6)**
Prerequisite: 211 311 Business Finance
An in-depth exploration of accounting standards for new financial instruments, i.e. derivatives, securitization.
- 211 427 Accounting for Governmental and Nonprofit Organization** **3(3-0-6)**
Prerequisite: 211 111 Principles of Accounting I
Concepts, principles, and problems of accounting for governmental and nonprofit organizations; budgeting, fund accounting, cost / benefit analysis, cash planning and control.
- 211 430 Tax Planning** **3(3-0-6)**
Prerequisite: 214 204 Taxation I
Principle of tax planning, difference between tax evasion and tax avoidance, methods of reducing taxes that are abided by law and ethics; study of tax planning for small, medium, large, and multinational corporation; tax management methods as well as actual tax planning.
- 211 431 Accounting Information System Audit and Control** **3(3-0-6)**
Theories and effects of using computer system in accounting information evaluation, internal control of work system using computer, computer corruption and preventive justice, risk evaluation and internal control, information evaluation's reliability analysis, information system audit and techniques, using ready – made program in internal audit.
- 211 497 Seminar in Financial Accounting** **3(3-0-6)**
An in-depth exploration of contemporary accounting issues and the application of accounting.
- 211 498 Seminar in Managerial Accounting** **3(3-0-6)**
An in-depth exploration of cost management, especially as related to organization decision-making, planning, and control. Emphasis on case analysis and applications.
- 212 317 Information Systems Security and Audit** **3(3-0-6)**
Prerequisite: 212 321 Information Systems Analysis and Design
A study of information system security, control techniques in design of information systems, computer crimes, access control planning, managing and controlling information services, and auditing procedures techniques for information system.
- 212 498 Seminar in Business Computer** **3(3-0-6)**
A group study of applying business computer in various organizations in the government and private sectors, case study analyses and discussions by students or guest speakers on managing information systems within organization, report and presentation.
- 213 318 Advertising** **3(3-0-6)**



An overview of agency operation, media strategy, print and electronic media, and copy creation and concepts; an advertising plan must be developed for an organization using the principles of the course.

213 321 Export - Import Management 3(3-0-6)

A study of practices and regulations involved in export-import procedures, exchange and export-import payment, buying and selling contracts, documentation, customs procedures, freight forwarding and management, and the, organization of import and export departments.

213 401 Marketing Strategy 3(3-0-6)

Analysis of situation or opportunities; development of problem-solving scenarios, and resultant marketing plans, computer simulations, case analyses and discussion.

213 403 Retailing 3(3-0-6)

Study of the characteristics and evolution of retailing, retail organization and management, personnel management, location, merchandising inventory, price strategy, promotion and retail services.

213 404 Wholesaling 3(3-0-6)

Study of the characteristics and development of wholesale business structure, roles and function of wholesaling, buying and selling policy, locating, transporting, storage, pricing, financing and controlling.

213 405 Industrial Goods Marketing 3(3-0-6)

Study of systems and concepts of industrial marketing, demand and product characteristics, market identification, pricing, promotion and public relations; industrial channel strategy and logistics; and problems of marketing industrial goods.

213 406 Agricultural Products Marketing 3(3-0-6)

Study of marketing decision-making in agricultural products; topics include: market organization, factors effecting agricultural marketing, standardization and grading, storing and transporting the products, promotional activities; and the role and policy of government and private agencies in agricultural products and marketing.

213 408 Purchasing and Materials Management 3(3-0-6)

Study of purchasing planning, policies and procedures; purchasing organization, sources of supply, pricing, negotiation of contracts and legal problems, traffic management, quality assurance, inventory management and the ethical aspects of purchasing.

214 309 Leadership and Management of Change 3(3-0-6)

Study of the dynamics of leadership and management of change in environment serving organizations; topics include: the nature and characteristics of transactional and transformational leadership; relationships of power, authority and responsibility, leadership effectiveness, leadership style and change strategies as well as the roles of the change agent and the change manager.

214 312 Labor Relations 3(3-0-6)

Prerequisite: 214 311 Human Resource Management

Examines the labor relations systems, their evolution and their development, Individual aspects of employer-employee relationships; topics include: wages and contract negotiation, collective bargaining, the handling of industrial disputes and strikes, industrial relations theories and policies on working conditions, the legal framework, and the impacts of labor laws and labor institutions.

214 314 Wage and Salary Management 3(3-0-6)

Prerequisite: 214 311 Human Resource Management



Analysis of various tools of wage and salary administration; topics include job analysis, job evaluation, wage and salary survey, wage and salary incentive, personnel rating and practical applications of quantitative methods.

214 402 Insurance and Risk 3(3-0-6)

Prerequisite: 214 202 Business Statistics

A study of the fundamentals of insurance and risk management and the, basic areas of property liability: auto, life, health, and social insurance.

214 404 Business Negotiation 3(3-0-6)

Study of the principles and practices of both domestic and international negotiation in the fields of business and trade; topics include: the bilateral, multilateral and negotiation process: the development of skills in conflict resolution within the organization, and the use of each student.

214 405 Total Quality Management 3(3-0-6)

Study of the concepts, tools and techniques used in the management and measurement of quality, productivity and competitiveness in an international environment; topics include total quality control and management, employee involvement in quality, team building for quality, quality circles, relationship between quality, productivity, competitiveness and statistical process control.

214 406 Cross Cultural Management 3(3-0-6)

Cultural differences between nations and their effects on international business operations; effective management styles in multinational corporation settings and preparation of employees for overseas assignments as topic for discussion.

214 407 Business Ethics 3(3-0-6)

Sound understanding of the moral principles that govern corporate, group and individual responsibilities in everyday business operations.

001 499 Cooperative Education 9 credit

A systematic training of work-based learning in the work place for students. Students will be trained in self-development in terms of systematic thinking, observation, decision making, analytical and evaluation skills. This course will result in high quality graduates for the labor market.

215 416 Meetings, Incentives, Conventions and Exhibitions Management 3(3-0-6)

Meaning, significance, evolution and the role of MICE (Meetings Incentives Conventions and Exhibitions) Operations. Types of meeting, negotiation marketing and evaluation of MICE operations and management.

215 417 Cruise Business Operations 3(3-0-6)

The type of cruises, the cruise ship company structure management, the practical works in technical, service and ground preparation duties, human resource management in the cruise business, quality control management, cruise consumer behavior and marketing planning.

215 418 Logistics for Tourism and Hotel Industry 3(3-0-6)

Concepts, importance and the application of logistics knowledge to hospitality aiming at minimizing total cost effective customer service; emphasis on key logistics activities: transportation, warehousing, inventory material management and purchasing, order processing, materials handling, packaging, and customer service, supply chain management and INCOTERMS.

215 420 Airline Business Operations 3(3-0-6)

General information about the operations of airlines, reservation and ticketing system, airport ground services, in-flight services, air cargo services, airlines customer behaviors, airlines personal recruitment, airlines marketing and sales, laws and regulations in the airline industry including field trips.



- 215 422 ASEAN Tourism Study** **3(3-0-6)**
An overview of current and future development in the ASEAN region; the impacts of cooperation between countries in the ASEAN region.
- 215 425 Wellness Tourism** **3(3-0-6)**
Meaning, importance and evolution of wellness tourism. Sustainable wellness tourism management, adaptation of traditional knowledge in developing products for wellness tourism, demand and supply trends in wellness tourism.
- 216 211 Introduction to Air Traffic Control** **3(3-0-6)**
Study of components and functions of the National Airspace System and Air Traffic Control for Commercial Air Carriers; structure and functions of terminal and en-route air traffic control facilities and procedures; the roles of Center, Approach Control, Tower, and Flight Service Station. It also covers the system of communications, navigation procedures, radar operations and facilities.
- 216 302 Airline Cabin Crew Operations** **3(3-0-6)**
This module provides students with a sound knowledge of crew member coordination and communication, roles and Responsibilities, flight preparations, pre-flight crew briefing, pre-flight preparations, boarding process, pre take-off preparations, passenger safety briefing, preparing for take-off, introduction to Crew Resource Management (CRM), communication, interpersonal skills and handling information.
- 216 304 Fleet Planning and Effective Scheduling** **3(3-0-6)**
Learn how to structure the fleet planning process to analyze competing and conflicting proposals; learn effective scheduling in crucial areas where 'cost' cutting can improve the profitability of an airline. This course will identify the real world areas of cost invention and reduction.
- 216 306 Airline Cost Management** **3(3-0-6)**
Study various ways of financial know-how to improve airport's efficiency and effectiveness, review and discussion of financial trends within the industry and their impact upon strategy and operations; to understand the risks in a volatile market and to learn the techniques to assess financial performance.
- 216 312 Promotion in Airline Business** **3(3-0-6)**
Study of basic methods in promotion, advertising personal selling, sales promotion and public relations; budget planning and evaluation of promotion method that suits targeted consumers and market environment.
- 216 404 Service Industrial Management** **3(3-0-6)**
Study service management with ability to respond to customer needs, development of service system including personal training and development.
- 216 405 Services Quality Management in Airline Business** **3(3-0-6)**
Study of airline service quality management with ability to respond to customer needs, principles of continuous service quality development, analysis and application of service strategy, development of service system and personal training and development.
- 216 406 Principles of Recreation and Special Events Management** **3(3-0-6)**
An overview of the sport and recreation industry, history, and theory of management principles; the examination of the key components of sport and recreation management: leadership, event management, marketing, fund-raising, budgeting, ethics, sport law, and public relations.
- 216 407 Seminar in Aviation Business** **3(3-0-6)**



Analyses of current local, national, regional and international affairs by applying theories and knowledge acquired from courses; study positive and negative impacts on long term and short term basis from various perspectives affecting the changes in consumer behavior and business operations of aviation businesses and dialoguing for solutions which yield the optimal long-term benefits; learners require to arrange a seminar on topics approved from the lecturers and consensus of the class as well as preparing an in-depth report on topics of their interests.

216 497 Research Methodology in Airline Industry **3(2-2-6)**
Methods of research applicable to airline business planning and management, emphasis on quantitative and qualitative methods of research design, data gathering, data analysis and drawing conclusions in the research process.

217 104 English for Exercise Sport and Recreation Business II **3(3-0-6)**
Prerequisite: 217 304 and fluent communication using idiomatic conversational English; and debating skills.
Reading and writing of academic reports in exercise and sports, abstracts journal, articles; speaking activities focusing on expressions and debates.

217 210 Administrative Principles in Exercise and Sport Management **3(3-0-6)**
Exercise and sports management theories, organizational structure, planning, leadership, motivation, ethics, decision making and evaluation; application management of sport organizations.

217 211 Management in Team Sports **3(3-0-6)**
Meaning of the key elements of management style and sports team management, budget, personnel, equipment and field competition, judged the competition, and management-related sports teams; public relations problems solving and difficulties in management.

217 212 Management in Individual Sports **3(3-0-6)**
Meaning of key elements of management style and individual sports; personnel management, budget and equipment to determine the tournament competition. And management of sports-related party. Public relations to resolve problems and difficulties in management.

217 213 Management in Health and Fitness Center **3(3-0-6)**
Operational management and the organization of fully integrated activities of the health and fitness centers; service standards; development of human resources; sales promotion; marketing; finance and accounting and public relations for health and fitness centers; public relations within the center for promoting activities and distributing information.

217 214 Management in Outdoor Sports **3(3-0-6)**
Types of outdoor sports activities management, both track and field and lawn sports; principles and techniques in arranging sports venues and equipment, maintenance; personnel management; the standard of outdoor sports venues used for training and competition.

217 215 Management in Indoor Sports **3(3-0-6)**
Types of indoor sports activities management, both individual and team sports; principles and techniques in arranging sports venues and equipment, maintenance; personnel management, the standard of indoor sports venues used for training and competition.

217 310 Management in International Sports Competition **3(3-0-6)**
Management of international sports competition, Olympic Games, Asian Games and SEA Games; administration of the International Olympic Council, the Olympic Council of Asia and the Olympic Council of Thailand.

217 311 Football Management **3(3-0-6)**



Definition, concepts and principles of football management; football for health program; football excellence program; scientific principles of football training; management of places; facilities; equipment and methods of training and coaching; organization of football competition; football administration and planning; administrative procedure in various aspects of football programs; roles and duties, public relations and business operation related to marketing people.

217 312 Golf Management **3(3-0-6)**

Definition, concepts and principles of golf management; golf for health program; golf excellence program; scientific principles of golf training; management of places, facilities, equipment and methods of training and coaching; Organization of golf tournament, golf administration and planning; administrative procedure in various aspects of golf programs; roles and duties, public relations and business operation related to marketing people.

217 313 Aquatics Management **3(3-0-6)**

Definition, concepts and principles of aquatic sport management, aquatic sport for health program; aquatic sport excellence program in a aquatic leisure/ recreation centre or swimming pool complex; leadership & management development: business plan, promotion, the budget development process; contract management process and project in progress; aquatic sport equipment management including risk management plan for all aquatic activities.

217 220 Introduction to Recreation Management **3(3-0-6)**

Management theory, human resource management, facilities and equipment finance, organizations that organized recreation operational activities of the organizations, problems and trends in recreation.

217 221 Fundamentals of Recreation Leadership **3(3-0-6)**

Study of different types of leadership; differences relationships between leaders and followers; factors that promote leadership, recreational features of a good leader, leadership as a democratic society; how to lead and manage various forms of recreation; application of activity and operations, and observing nature; behaviors study and recreational needs of individuals and group of people at different ages for appropriate activities; practice writing and provide recreation programs and projects, recreation in institutions or agencies.

217 321 Leisure Activities and Sport Tourism Management **3(3-0-6)**

Application of analysis and modification of sports, exercise and health promotion activities, to be used in conjunction with business travel, and leisure activities; planning and implementation of sports activities, exercise, and health promotion activities for effectiveness tourism in the use of leisure time to benefit efficiency, safety, impressive and satisfied participants.

217 322 Sport Media and Public Relations Recreation **3(3-0-6)**

Main concepts and theories of communication, the initial advertising. Involved in sport and recreation planning, analyzing sports places; advertising and public relations; production of sports and recreation in various forms, media of radio, television and the Internet.

217 323 Recreation and Sport Tourism Administration in Business Enterprise **3(3-0-6)**

Purposes, meaning of the value type activities in the workplace; organizing and promoting activities in the workplace; leadership activities in the workplace; development of activities suitable for establishment.

217 324 Camp Leadership **3(3-0-6)**

Planning and operational leadership in camping. Activity patterns in the camping program; how to create a program; organize, operate, how to lead events in camping trip efficiently.

217 420 Recreation and Tourism Business **3(3-0-6)**



Principles of recreation, administration; elements of the business activities; administration of the organization; roles of public relations, marketing, manufacturing, business, recreation budget.

217 421 Game and Sport Competition Management 3(3-0-6)

History, values, skills, distribution of games and sports; leadership activities, games and sports based; different types of application of competition for organizing the implementation of games and sports.

217 422 Recreation Facilities and Equipment Design 3(3-0-6)

Theories, principles and types of facilities and equipment of recreation planning principles and design patterns; development and maintaining of facilities and equipment of recreation.

217 423 Physical Activities for Health in Recreation 3(2-2-5)

Principles of practice regarding physical activity for health activities; health promotion to suit each individual.

217 404 Field Experience: Sports Management 6 credit

Designed to provide actual hands-on experience with a sport organization; placed with organizations that allow them to observe and assist sport management professionals in a professional setting; applied the theories learned in the classroom for the workplace.

217 405 Cooperative Education in Sport Management 6 credit

A systematic training of work-based learning in the work place for students; trained in self-development in terms of systematic thinking, observation, decision making, analytical and evaluation skills; result in high quality graduates for the labor market.

503 305 First Aid 3(2-2-6)

Knowledge and practical training related to aviation business on giving first aid to airline travelers having frequently found illness, provide assistance training on emergency cases, reduce existent danger prevent possible crisis and also protect themselves from communicating with transmitted diseases; familiarizing with basic medicine and the use of first aid medical equipment; proficient assistant to professional doctors.



FACULTY OF HUMANITIES AND SOCIAL SCIENCES

The Faculty of Humanities offers the 4-year Bachelor of Arts Program in Business English.

BACHELOR OF ARTS (B.A.) in BUSINESS ENGLISH International Program (revised curriculum of 2010) St Theresa International College

1. PROGRAM TITLE

Bachelor of Arts (B.A.) Program in Business English (International Program)

2. PROGRAM DEGREE

Full Name of Degree : Bachelor of Arts in Business English

Abbreviation : B.A. (Business English)

3. PROGRAM OBJECTIVES AND OUTCOME

3.1 Program Objectives

- To provide a broad and in-depth grounding in the core concepts and theories of English communication.
- To develop in the students the highest quality of desirable characters and behavior as well as knowledge, skills and dispositions that support scholarship, excellent communication and professionalism.
- To utilize instructional technology to strengthen and broaden educational opportunities and expand learning resources.
- To use information technology to foster student-centered learning, promote information literacy and develop student's critical and creative thinking skills.
- To increase opportunities for research and creative activities to encourage greater collaboration between the college and other agencies.
- To support efforts to effectively develop and integrate college and community partnership.
- To provide students with an understanding of the economic, political and cultural foundations for social productivity and sustainability.

3.2 Program Outcome

Graduates of this Program are expected to have the following characteristics:

- Ability to use four macro skills of English proficiently and professionally;
- Ability to prepare and deliver presentations and reports appropriately and effectively;
- Ability to apply relevant language researches in order to serve the communities;
- Ability to undertake English language training and tuition to develop the learning communities;
- Ability to participate actively in content area discussions using technology aided instructions;
- Ability to engage in challenging and purposeful learning to apply content knowledge to real world.

4. CREDITS REQUIREMENTS FOR GRADUATION, BACHELOR OF ARTS (B.A.) 126 credits

A. GENERAL EDUCATION REQUIREMENTS	30	credits
Social Sciences	3	credits
Humanities	5	credits
Languages	15	credits
Science and Mathematics	6	credits
Quality of Life Development	1	credit



B. MAJOR REQUIREMENTS	90 credits
Core Courses	30 credits
Major Courses	51 credits
Major Elective Courses	9 credits
C. FREE ELECTIVES	6 credits
5. COMPONENTS OF PROGRAM STRUCTURE, BACHELOR OF ARTS (B.A.)	
A. GENERAL EDUCATION REQUIREMENTS	31 credits
Social Sciences	3 credits
101 108 Sociology	3 (3-0-6)
Humanities	5 credits
102 113 Library Skills	1 (1-1-2)
102 114 Study Skills	1 (1-1-0)
102 115 Communication and Human Relations	3 (3-0-6)
Science and Mathematics	6 credits
104 108 College Algebra	3 (3-0-6)
104 118 Computer Applications	3 (3-0-6)
Quality of Life Development	1 credit
105 105 Personality Development	1 (1-1-2)
Languages	15 credits
103 103 Thai for Communication	3 (3-0-6)
103 111 College English I	3 (3-0-6)
103 112 College English II	3 (3-0-6)
103 116 English Composition I	3 (3-0-6)
103 117 English Composition II	3 (3-0-6)
B. MAJOR REQUIREMENTS	90 credits
Core Courses (General English)	30 credits
121 101 Pronunciation	3 (2-2-4)
121 102 Listening Comprehension	3 (2-2-4)
121 103 Reading Comprehension	3 (3-0-6)
121 201 English for Academic Purpose: Listening and Speaking	3 (2-2-5)
121 202 English for Academic Purpose: Reading and Writing	3 (3-0-6)
121 203 Communicative Grammar	3 (3-0-6)
121 204 Fundamental of Speech	3 (3-0-6)
121 310 Interpersonal Communication	3 (3-0-6)
121 401 Advanced Composition	3 (3-0-6)
121 402 Advanced Public Speaking	3 (2-2-4)
Major Courses (Applied English)	30 credits
121 301 Literature in Business Study	3 (3-0-6)
121 302 Advanced Business English Speaking	3 (3-0-6)
121 303 English for Multimedia	3 (3-0-6)
121 304 English for Advertisement	3 (3-0-6)
121 305 English for Public Relation	3 (3-0-6)
121 306 English for Tourism and Hospitality	3 (3-0-6)
121 403 Advanced Business English Writing	3 (3-0-6)
121 410 Business Correspondence	3 (3-0-6)



121 411	Business Translation	3	(3-0-6)
121 412	Business Negotiation	3	(3-0-6)
Minor Courses (Business Administration)		21	credits
211 101	Principles of Accounting	3	(3-0-6)
213 211	Principles of Marketing	3	(3-0-6)
214 111	Microeconomics	3	(3-0-6)
214 201	Principles of Management	3	(3-0-6)
214 203	Business Law	3	(3-0-6)
214 205	Business Communication	3	(3-0-6)
214 311	Human Resource Management	3	(3-0-6)
Major Elective Courses (Other Languages)		9	credits
<i>Choose Nine (9) credits from the courses below; or choose Cooperative Education</i>			
211 311	Business Finance	3	(3-0-6)
111 413	Business Chinese I	3	(2-2-5)
111 414	Business Chinese II	3	(2-2-5)
111 415	Business French I	3	(2-2-5)
111 416	Business French II	3	(2-2-5)
111 417	Business German I	3	(2-2-5)
111 418	Business German II	3	(2-2-5)
215 498	Cooperative Education Preparation	1	(1-0-2)
001 499	Cooperative Education*	9	credits

*Cooperative Education is equivalent to **Nine (9) credits** of Major Electives that will help students develop their academic and work-related skills in the work place for one full semester (400 hours).

C. FREE ELECTIVES 6 credits

Select at least **Six (6)** credits from any available courses with the consent of an advisor.

MAJOR REQUIREMENT COURSE DESCRIPTION

101 108 Sociology 3(3-0-6)

A study of behaviors and social status of a man in a modern society, with emphasis on human nature, relations with others, ways and means of establishing social orders, systems and structures, along with the relationship between man and environment in terms of environmental conservation and strategies for solving environmental problems.

102 113 Library Skills 1(1-1-2)

A task-based approaches to the use of library and on-line resources, with an emphasis on locating information resources, finding periodicals and reference materials, including intensive practice and familiarity with computer terminals and the use of the Internet in writing a list of references and term papers.

102 114 Study Skills 1(1-1-0)

Development of the students' study skills such as communication and time-management skills so that they can learn effectively; appreciation of roles and responsibilities of the students and future career prospects.

102 115 Communication and Human Relation 3(3-0-6)



The study of human relations and its usefulness to achieve career successes while increasing work-life balance; development of communication and human relation skills; strategies to improve personal and workplace communications; identification of personal communication styles; language and cultural differences which may present barriers to effective communication; professional approaches for creating human relations.

103 103 Thai for Communication 3(3-0-6)

Study of Thai language to enhance speaking, reading and writing skills necessary for academic and professional communications.

103 111 College English I 3(3-0-6)

Study with practices in listening, speaking, pronunciation, vocabulary building, grammar, reading, writing, and learning strategies which are essential for freshman College students who have limited English ability; appropriate use of basic tenses, patterns and structures in oral and written communicative tasks based on thematic texts and oral passages.

103 112 College English II 3(3-0-6)

Pre-requisite: 103 111 College English I

Continued study from College English 1 to improve the students' ability to use 4 macro skills using theme-based approaches; practice of oral report, discussion and presentation based on the information from printed materials.

103 116 English Composition I 3(3-0-6)

Pre-requisite: 103 111 College English I

Study and practices of composition through reading and re-writing; simple forms of paragraph development such as chronological and spatial; practices in effective writing using various styles of writing: descriptive, argumentative, narrative, expository and discursive writings, and a combination of these types.

103 117 English Composition II 3(3-0-6)

Pre-requisite: 103 116 English Composition I

Essential features of the writing process; principles of writing well-developed essays and the application through reading selection and writing assignments; principles of unity, support, coherence and sentence skills.

104 108 College Algebra 3(3-0-6)

Basic concepts of number systems including real and complex numbers; concepts of functions; polynomials; exponential and logarithmic functions; techniques of solving equations and inequalities; business applications of the concepts; concepts and applications of sequences, series and the binomial theorem.

104 118 Computer Applications 3(3-0-6)

Computer literacy; evolution of computer technology from the past to modern days; basic components of computer, network and peripherals; operating systems; internet; common application programs; hands-on use of word processor, presentation, spreadsheet and database etc.

105 105 Personality Development 1(1-1-2)

Study of techniques to develop good personality; development of good attitude and personal appearance; appropriate dress codes and behaviors; social etiquette and protocol.

121 101 Pronunciation 3(2-2-4)

Basic sound-symbol patterns and production of corresponding sounds; articulation of consonants and vowels; stress, rhythm and intonation; stress patterns;



intonation patterns and voice quality; phrasing and linking; fluency within communicative contexts.

121 102 Listening Comprehension 3(2-2-4)

Extensive practices in listening comprehension using video materials containing daily conversations, extended discussion and in-class lessons; strategies to improve listening comprehension skills and exercises; development of complementary listening and note-taking skills through lecture videos.

121 103 Reading Comprehension 3(3-0-6)

Improvement of students' reading skills through the practices of vocabulary enrichment; reading comprehension exercises; speed reading strategies; written responses, discussions, and reflections.

121 201 English for Academic Purpose: Listening and Speaking 3(2-2-5)

Practical study to acquire interactive skills in listening and speaking academic English; recognition of academic vocabulary, phrases and forms used in business and arts studies; practice of listening for main ideas and specific details through various lectures; speaking practice through discussion and presentation.

121 202 English for Academic Purpose: Reading and Writing 3(3-0-6)

Development of undergraduate academic literacy through interactive reading and writing practices; practice in reading textbooks and making discussion/summary of technical information such as statistical data, charts and diagrams; critical thinking process; writing essays in a variety of rhetorical modes including persuasion, process description, analysis and evaluation.

121 203 Communicative Grammar 3(3-0-6)

Study of commonly used structures of English grammar; phrasing of words and prepositions; sentence composition with sensible phrases; logical order and sentence structures; clarity of messages through grammatical simplicity; practice of writing sensible paragraphs.

121 204 Fundamental of Speech 3(3-0-6)

Fundamentals of effective speaking; basic oral communication principles and skills; fluency exercises through real-life and cross-cultural dialogues and role plays; adjustment to speaking situations and preparation and delivery of various kinds of speeches; study and practice in basic public speaking including discussion, preparation, organization and delivery techniques.

121 310 Interpersonal Communication 3(3-0-6)

Understanding and implementation of effective communication behaviors and skills in relatively unstructured face-to-face situations including small-group discussion; basic verbal and nonverbal elements affecting communication; the development of students' interpersonal communication skills through designed activities.

121 401 Advanced Composition 3(3-0-6)

Pre-requisite: 103 117 English Composition II

Development of students' skills in writing expository and non-fiction prose by means of regular practice and evaluation by peers and lecturers; study of composition techniques and effective writing through evaluation of assigned readings; evaluation of the texts using individual written reports and/or in-class discussion.

121 402 Advanced Public Speaking 3(2-2-4)

Pre-requisite: 121 204 Fundamental of Speech



Public speaking as a tool to build relationships between a speaker and audiences; development of necessary and advanced skills in public speaking; behavioral use of the skills which include analyzing speaking situations, choosing appropriate topics, conducting researches, organizing ideas, utilizing evidences, delivering speeches effectively, and developing ability to listen critically.

121 301 Literature in Business Study 3(3-0-6)

Pre-requisite: 121 202 English for Academic Purpose: Reading and Writing

Instruction that focuses on reading and writing skills for research purposes; literature survey by conducting library and Internet research; development of skills in evaluating and explaining ideas, documenting research and analyzing research papers with emphasis on academic literature and researches in business.

121 302 Advanced Business English Speaking 3(3-0-6)

Pre-requisite: 121 204 Fundamental of Speech

Study and application of oral communication techniques in business contexts; practices of group discussion and leadership using group problem-solving and group decision-making exercises; organization and presentation of idea and proposals; practical conducts of meeting, panel discussion and seminar.

121 303 English for Multimedia 3(3-0-6)

Study and practice of English writing and speaking skills for multimedia communication; the application of interactive multimedia tools, persuasive communication and language arts to develop electronic presentations; production processes involving design, organization and presentation of creative contents.

121 304 English for Advertisement 3(3-0-6)

Analysis of advertisements using linguistic, rhetoric, and semiotic tools; techniques used by advertisement writers such as sounds and spelling, word meanings and word associations, manipulation and overrule of standard grammar; interaction between advertisement and texts; relationship between words and pictures; intuition about the advertisements; investigation of how advertisement words and structures are used in other kinds of texts.

121 305 English for Public Relations 3(3-0-6)

Introductory study of oral, visual and written forms of media communication for public relation purposes; public relation and issue management in international and cross-cultural contexts; basics of effective writing for public relations including grammar, punctuation, sentence structure, and arts of writing such as word choices, rhythm, nuance and tone; development of students' writing skills for the public relations careers; different approaches for particular audiences and media;

121 306 English for Tourism and Hospitality 3(3-0-6)

Essential guide and effective use of oral and written English in principal aspects of tourism: transportation, accommodation, food and beverage, and attraction; providing tourist information such as country's general information, tradition and cultures, travel procedures, in-flight amenities and services, immigration and custom routines, hotel services, shopping and taxes; design and presentation of tour programs via practical assignments.

121 403 Advanced Business English Writing 3(3-0-6)

Pre-requisite: 103 117 English Composition II

Study and practice of advanced English writing using project-based assignments; guideline and practice in planning and producing document that deals with technology management, corporate strategy and business plan; writing process that focuses on creating clear, concise, audience-directed prose.

121 410 Business Correspondence 3(3-0-6)



Development of advanced language and writing skills necessary for concise and effective business correspondence; analysis of audiences and purposes of business communication; practice in writing the minutes of meetings, analytical reports and business proposals with emphasis on correct format, style, register and language usage.

121 411 Business Translation **3(3-0-6)**

Principles of translation; concepts and techniques of written and oral translation in the business contexts; practice of English-to-Thai and Thai-to-English translations using business articles such as news, reports, memoranda, speeches and advertisement scripts.

121 412 Business Negotiation **3(3-0-6)**

Theory and practice of business negotiation using analytical and interpersonal skills; concepts of negotiation in domestic and international business environments; negotiation strategies and tactics; ethical and cultural aspects; dispute resolution by mediation and arbitration; concepts of conflict management.

211 101 Principles of Accounting **3(3-0-6)**

Essential principles and concepts of accounting for businesses; the mechanics of preparation and presentation of the accounting records and financial statements for different kinds of businesses; the use and misuse of accounting information; elementary analysis of financial statements; introduction to software applications in accounting.

213 211 Principles of Marketing **3(3-0-6)**

A study of marketing concepts, marketing function, marketing decision – making, marketing mix, market segmentation and the environment affecting marketing.

214 111 Microeconomics **3(3-0-6)**

A study of microeconomic concepts and principles, consumer behavior, demand and supply, production and cost theory, pricing, pure competition, monopoly, monopolistic competition and oligopoly, market factors and income distribution.

214 201 Principles of Management **3(3-0-6)**

Study of the development and functions of management: planning, organizing, staffing, directing and controlling; applications of modern techniques for management.

214 203 Business Law **3(3-0-6)**

Study of civil and commercial law concerning business partnerships and corporations such as investment and joint venture; the law of contracts, sales, warranties, agency, arbitration and others.

214 205 Business Communication **3(3-0-6)**

An emphasis on written communication such as standard and persuasive business letters, memoranda, newsletter as well as reports, project proposals, resumes, and other employment-related documents; use of computer technology and software to develop effective oral and written business communication skills.

214 311 Human Resource Management **3(3-0-6)**

An overview of the major functions of human resources including equal employment opportunity, affirmative action, recruitment, selection, managing performance, employee development, compensation, incentive and benefits administration, labour unions and the impact of government regulations.

211 311 Business Finance **3(3-0-6)**



Introduction to corporate financial management; focus on financial policy, analysis and valuation in global environment; capital markets, risk and return, financial planning, capital budgeting, cost of capital, and working capital management.

111 413 Business Chinese I 3(2-2-5)

Study of Chinese vocabulary and technical terms commonly used in various types of business, particularly hospitality and service business and tourist information center; practice of listening, pronunciation and speaking using business dialogues.

111 414 Business Chinese II 3(2-2-5)

Study and practice of oral communication skills in Chinese; effective communication in workplaces and business environment; communication; practice of speaking in simulated situations.

111 415 Business French I 3(2-2-5)

Study of French vocabulary and technical terms commonly used in various types of business, particularly hospitality and service business and tourist information center; practice of listening, pronunciation and speaking using business dialogues.

111 416 Business French II 3(2-2-5)

Study and practice of oral communication skills in French; effective communication in workplaces and business environment; practice of speaking in simulated situations.

111 417 Business German I 3(2-2-5)

Study of German vocabulary and technical terms commonly used in various types of business, particularly hospitality and service business and tourist information center; practice of listening, pronunciation and speaking using business dialogues.

111 418 Business German II 3(2-2-5)

Study and practice of oral communication skills in German; effective communication in workplaces and business environment; practice of speaking in simulated situations.

215 498 Cooperative Education Preparation 1(2-0-4)

Orientation seminar for final-year students who will undergo Practicum/Internship at a local industry, publisher, arts or public agency; the internship is intended to provide the students workplace experiences which require the application of knowledge and skills from the courses of study under the guidance and supervision of an assigned supervisor and lecturer(s).

001 499 Cooperative Education 9 credit

The professional internship/cooperative education program is intended to provide the students workplace experiences necessary for career preparation and development which require the application of knowledge and skills learned from the courses. The student will work under the guidance and supervision of an assigned supervisor and lecturer(s) to ensure the consistency between assigned tasks and learning objectives.



FACULTY OF HUMANITIES AND SOCIAL SCIENCES

The Faculty of Humanities and Social Sciences offers STIC International Programs leading to a Bachelor of Education Program in English (International Program) (B.Ed. English) Degree. Duration of the program is 5 years and credits can be transferred to overseas universities.

BACHELOR OF EDUCATION PROGRAM (B.Ed. English) International Program (Revised Curriculum, March 2013) St Theresa International College

1. PROGRAM TITLE

Bachelor of Education Program (B.Ed. English) (International Program)

2. PROGRAM DEGREE

Full Name of Degree : Bachelor of Education Program in English

Abbreviation : B.Ed. English

3. PROGRAM INFORMATION

Faculty of Humanities and Social Sciences aims to produce graduates having core competencies of education program, life-long learning attitudes, high moral values and professional ethics, and social responsibilities. The graduates will be able to serve the national and societal requirements for competent and accountable human resources.

Faculty of Humanities and Social Sciences will be an active and integral part of a learning organization that adopts quality assurances, cultural knowledge and wisdom in conjunction with international collaborations and university networks to produce successful graduates who are highly prized by national and global professions.

4. OBJECTIVES OF THE PROGRAM

The general objectives of the Bachelor of Education Program (B.Ed. English) are to develop in students the ability to:

1. know and understand widely and deeply the contents of the English language in terms of skills in using it for their routine life and work with high efficiency
2. learn more about how to use techniques for teaching and learning methods as well as using innovation including information technology to be applied for course curricula and learning activities with effectiveness
3. cultivate good attitudes to English learning and teaching strategies
4. analyze, synthesize and assess the knowledge for more creative applications
5. understand the concept of using English and the culture of those who use English as their native language

5. ACADEMIC SCHEDULE

The Bachelor of Education Program (B.Ed. English) Program (International Program) commenced in the first semester of the Academic Year 2013.

**6. CREDIT REQUIREMENTS FOR GRADUATION, BACHELOR OF EDUCATION PROGRAM****165 CREDITS**

PROGRAM STRUCTURE	165	credits
A. GENERAL EDUCATION REQUIREMENTS	30	credits
Social Sciences	3	credits
Humanities	5	credits
Languages	15	credits
Science and Mathematics	6	credits
Quality of Life Development	1	credits
Total	30	credits
B. MAJOR REQUIREMENTS	129	credits
Core Courses	50	credits
Required Course	79	credits
C. FREE ELECTIVES	6	credits
Total Required credits for graduation (not less than)	165	credits

7. PROGRAM STRUCTURE

GENERAL EDUCATION REQUIREMENTS	30	credits
Social Sciences	3	credits
<i>Choose Three (3) credits from the followings:</i>		
101 106 Anthropology	3	(3-0-6)
101 107 Religions	3	(3-0-6)
101 108 Sociology	3	(3-0-6)
101 111 Western Civilization I	3	(3-0-6)
101 114 World History	3	(3-0-6)
101 115 Governments	3	(3-0-6)
101 116 Politics	3	(3-0-6)
101 117 Introduction to Law	3	(3-0-6)
Humanities	5	credits
102 113 Library Skills	1	(1-1-2)
<i>Choose Four (4) credits from the followings:</i>		
102 102 The Art of Thinking	3	(3-0-6)
102 103 Introduction to Philosophy	3	(3-0-6)
102 104 Introduction to Psychology	3	(3-0-6)
102 107 Art Appreciation	2	(2-0-4)
102 108 Music Appreciation	2	(2-0-4)
102 111 World Literature I	3	(3-0-6)
102 114 Study Skills	1	(1-1-0)
102 115 Communication and Human Relations	3	(3-0-6)
Languages	15	credits
103 111 College English 1	3	(3-0-6)



103 112	College English 2	3	(3-0-6)
103 113	College English 3	3	(3-0-6)
103 115	College English 4	3	(3-0-6)

Choose Three (3) credits from the followings:

103 101	Thai for Special Purposes	3	(3-0-6)
103 102	Basic Thai for International Students	3	(3-0-6)

Science and Mathematics 6 credits

Choose Six (6) credits from the followings:

104 103	Introduction to Statistics	3	(3-0-6)
104 108	College Algebra	3	(3-0-6)
104 109	Calculus	3	(3-0-6)
104 110	Finite Mathematics	3	(3-0-6)
104 111	Physical Science	3	(3-0-6)
014 112	Principles of Biology	3	(3-0-6)
104 113	Principles of Biology Lab	1	(0-2-3)
104 114	General Chemistry	3	(3-0-6)
104 115	General Chemistry Lab	1	(0-2-3)
104 116	General Physics	3	(3-0-6)
104 117	General Physics Lab	1	(0-2-3)
104 118	Computer Applications	3	(3-0-6)

Quality of Life Development 1 credit

Choose One (1) credit from the followings:

105 101	Aerobics	1	(1-1-2)
105 103	Mindfulness in Motion	1	(1-1-2)
105 104	Wellness Development	1	(1-1-2)
105 105	Personality Development	1	(1-1-2)
105 106	Selected Sport	1	(1-1-2)
105 108	Sport Dance	1	(1-1-2)

MAJOR REQUIREMENTS 129 credits

Core Courses 30 credits

151 101	Principles of Education and Teaching Profession	3	(3-0-6)
151 102	Curriculum Development	3	(3-0-6)
151 103	Learning Design and Management	3	(2-2-5)
151 104	Innovation and Information Technology in Education	3	(2-2-5)
151 105	Education Psychology	3	(3-0-6)
151 106	Educational Measurement and Evaluation	3	(2-2-5)
151 107	Educational Research	3	(2-2-5)
151 108	Education Management	3	(2-2-5)
151 109	Inclusive Education	2	(2-0-4)
151 110	Quality Assurance in Education	2	(2-0-4)
151 111	Thai language and Culture for Teachers	2	(1-2-3)

Choose Two (2) credits from the followings:

151 201	Education for Local Development	2	(1-2-3)
151 202	Skills and Techniques of Teaching	2	(1-2-3)
151 203	Curriculum and Instruction in ASEAN	2	(2-0-4)
151 204	Counseling Psychology and Guidance	2	(1-2-3)



151 205 Classroom Management 2 (2-0-4)

Compulsory

151 206 Practicum I 2 (0-90-0)

151 207 Practicum II 2 (0-90-0)

151 208 Teacher Professional Internship I 6 (0-360-0)

151 209 Teacher Professional Internship II 6 (0-360-0)

Choose at least 69 credits of the following

151 301 Listening and Speaking I 3 (2-2-5)

151 302 Listening and Speaking II 3 (2-2-5)

151 303 Paragraph Reading 3 (3-0-6)

151 304 Paragraph Writing 3 (2-2-5)

151 305 English Syntax 3 (3-0-6)

151 306 Introduction to Linguistic 3 (3-0-6)

151 307 Forms and Usage in Modern English I 3 (3-0-6)

151 308 Forms and Usage in Modern English II 3 (3-0-6)

151 309 Practical English Phonetic 3 (3-0-6)

151 310 Formulaic Writing 3 (2-2-5)

151 311 A Discourse Approach to Reading 3 (3-0-6)

151 312 Creative Writing 3 (2-2-5)

151 313 Reading for Text Interpretation 3 (3-0-6)

151 314 Language of Literature 3 (3-0-6)

151 315 Children Literature 3 (3-0-6)

151 316 Translation I 3 (3-0-6)

151 317 Translation II 3 (3-0-6)

151 318 Language Learning through Drama 3 (2-2-5)

151 319 Public Speaking in English 3 (2-2-5)

151 320 English for Academic Communication 3 (3-0-6)

151 321 Socio-Cultural Backgrounds of English
Speaking Countries 3 (3-0-6)

151 322 Materials and Information Technology
in English Teaching 3 (3-0-6)

151 323 Assessment and Evaluation in English Teaching 3 (3-0-6)

Compulsory

6 credits

151 324 English Language Teaching and Learning I 3 (3-0-6)

151 305 English Language Teaching and Learning II 3 (2-2-5)

Choose Four (4) credits from the followings:

151 401 Mass media English 2 (2-0-4)

151 402 English Camp 2 (1-2-3)

151 403 Language Course Design 2 (1-2-3)

151 404 Seminar in English Teaching 2 (1-2-3)

151 405 Reading for Pedagogical Purposes 2 (2-0-4)

Free Elective Courses

Students will choose 6 credits of any courses available from the course offer in the College



Faculty of Humanities and Social Sciences

The Faculty of Humanities and Social Sciences offers a 4-year Bachelor of Arts Program in Communication Arts

Bachelor of Arts (B.A.) in Communication Arts (Revised curriculum of 2015), St Theresa International College

1. Program Title

Bachelor of Arts (B.A.) Program in Communication Arts (International Program)

2. Program Degree

Full name of Degree: Bachelor of Arts in Communication Arts

Abbreviation: B.A. (Com. Arts)

3. Program Objectives and Outcomes

3.1 Program Objectives

-To train students how to use and apply fully their potential or capacity to create work together with the advisor providing counselling services / consultation and making suggestions to students. Lecturers and advisors can closely develop and upgrade students thinking processes to gain extensive experience up to professional.

-To produce students with knowledge and skills in using tools and equipment, using digital media like the experts or specialist do so.

-To produce skillful and smart graduates have good decision-making skills to help solve the situation problems. Also the graduates can communicate and work systematically and effectively with other people.

- To produce highly qualified graduates with good moral standing and merits for this career as digital media producers that can integrate the body of knowledge to be further applied for mass communications work.

3.2 Program Outcomes

- Graduates will have a good attitude towards this career and will produce digital media with full responsibilities for their work as team members or colleagues under the merit and ethical system for the digital media producers.

- Graduates will have expertise in work operations for digital media as well as in other related media

- Graduates will be skill in problem solving and can make the right decisions. They can become leaders for thinking up and creating more new modern work.

- Graduates will have good communication skills.

-Graduates will be specialized in using tools and equipment, and then they can select the right channels for communications.

**4 Credits Requirements for Graduation, Bachelor of Arts (B.A.) 135 credits**

(1) General Education Requirements	30 credits
Consist of the following	
Social Sciences	3 credits
Humanities	5 credits
Linguistics	15 credits
Sciences and Mathematics	6 credits
Quality of Life Development	1 credit
(2) Major Requirements	91 credits
Consist of the following	
Core Courses	42 credits
Required Courses	30 credits
Elective Courses	10 credits
Cooperative Education	9 credits
(3) Free Electives	6 credits

3.1.3 Criteria to be applied for the digital codes of the codes study courses/ subjects in each program Code

All courses/ subjects are supplied with a six digit code number as follows:

The first digit refers to the Faculty

The second and third digits refer to the Department

The fourth-digit refers to the Major Course/ Subject

The fifth and sixth digits mean the order of the courses/ subjects.

Faculty of Business Administration

All courses/ subjects begin with the numeral 2.

2 X X X X X

222 XXX Bachelor of Science in Air Traffic Control

1 2 3 4 5 6 six-digit course/ subject code system

For general education courses/ subjects, course /subject codes are as follows:

101 X X X Social Sciences

201 X X X Humanities

301 X X X Linguistics

401 XXX Sciences and Mathematics

501 XXX Quality of Life Developments

For Major Requirements, course/ subject codes are as follows:



222 201 Core Course
222 301 Required courses
222 401 Elective Courses
222,501 Cooperative Education

3.1.4 Program courses/ subjects

(1) General Education Requirements 30 credits

1) General Education Requirement 30 credits from the following

Social Sciences 3 credits Choose 3 credits from the following:

100 101	Man, Society and the Environment	3(3-0-6)
100 102	Government and the Political Systems of Thailand	3(3-0-6)
100 103	Law and Society	3(3-0-6)
100 104	Psychology in Everyday Life	3(3-0-6)

Humanities 5 credits Choose 3 credits from the following courses/ subjects:

100 201	The Art of Thinking	3(3-0-6)
100 202	Philosophy and Religions	3(3-0-6)
100 203	Communication and Human Relations	3(3-0-6)
100 204	Library Skills	1(0-2-1)
100 205	Study Skills	1(0-2-1)
100 206	Art Appreciation	1(0-2-1)
100 207	Music Appreciation	1(0-2-1)

Linguistics 15 credits Choose 15 credits from the following subjects

100 301	Thai for International Students	3(3-0-6)
100 302	Thai for Communication	3(3-0-6)
100 303	English 1	3(3-0-6)
100 304	English 2 (Prerequisite: 100 303 English 1)	3(3-0-6)



100 305	English 3 (Prerequisite: 100 304 English 2)	3(3-0-6)
100 306	English 4 (Prerequisite: 100 305 English 3)	3(3-0-6)
100 307	English for Specific Purposes (Prerequisite: 100 304 English 2)	3(3-0-6)

Sciences and Mathematics 6 credits Choose 6 credits from the following subjects:

100 401	Mathematics, Science and Man	3(3-0-6)
100 402	Statistics in Everyday life	3(3-0-6)
100 403	Biology in Everyday Life	3(3-0-6)
100 404	Physics in Everyday Life	3(3-0-6)
100 405	Chemistry in Everyday Life	3(3-0-6)
100 406	Calculus in Everyday Life	3(3-0-6)
100 407	Computer Applications	3(3-0-6)

Quality of life Development 1 credit Choose 1 credit from the following subjects:

100 501	Aerobics	1(0-2-1)
100 502	Personality Development	1(0-2-1)
100 503	Sports	1(0-2-1)
100 504	Social Dances	1(0-2-1)

(2) Major Requirements 91 Credits
Consisting of the following

-Core courses 42credits, Choose 42 credits from the following subjects:

222 201	Aviation Technical English 1	3(3-0-6)
222 202	Aviation Technical English 2	3(3-0-6)
222 203	Aerodrome	3(3-0-6)
222 204	Aviation Law and Regulation	3(3-0-6)



222 205	Rules of the air	3(3-0-6)
222 206	Air Traffic Services	3(3-0-6)
222 207	Principles of Flight	3(3-0-6)
222 208	Aviation Meteorology	3(3-0-6)
222 209	Aircraft Type Designator	3(3-0-6)
222 210	Air Navigation	3(3-0-6)
222 211	Communication and Codes Designator	3(3-0-6)
222 212	Aeronautical Information Management	3(3-0-6)
222 213	Aviation Security and Safety	3(3-0-6)
222 214	Human factor in Air Traffic Control	3(3-0-6)

Required courses 30 credits Choose 30 credits from the following

222 301	Aerodrome Control Service	2(2-0-4)
222 302	Aerodrome Control Simulation	6(0-24-0)
222 303	Approach Control Service (Non-radar)	2(2-0-4)
222 304	Approach Control Simulation (Non-radar)	4(0-16-0)
222 305	Radar Approach Control Service	6(6-0-12)
222 306	Radar Approach Control Simulation	4(0-16-0)
222 307	Area Control Service (Non-radar)	2(2-0-4)
222 308	Area Control Simulation (Non-radar)	4(0-16-0)

Electric Course 10 credits Choose 10 credits from the following subjects:

222 401	English Language Proficiency for Air Traffic Controllers	3(3-3-6)
222 402	Aviation and environment	2(2-0-4)
222 403	Air Traffic Service Planning	2(2-0-4)
222 404	Safety Management System (SMS)	2(2-0-4)
222 405	Flight Operation Management	3(3-0-6)
222 406	Aircraft Weight and Balance Control	2(2-0-4)
222 407	Airport system and Airport Operation Management	3(3-0-6)
222 408	Air Transport System	3(3-0-6)

Cooperative Education 9 credits Choose credits from the following subjects:

222 501	Pre-Cooperative Education	1(1-0-2)
222 502	Cooperative Education Practice	8 credits



If any students do not wish to practice any Cooperative Education activities instead, she or he must complete a project by choosing to register for courses with 9 credits, from the following subjects:

222 503	Communication, Navigation, Surveillance for Air Traffic Management	3(3-0-6)
222 504	Advanced Equipment for Air Traffic Service Surveillance System	3(3-0-6)
222 505	Controller Pilot Data Link Communication (CPDLC) System	3(3-0-6)

3. Free Electives

6 credits

Choose any of the courses offered by the St Theresa International College programs or from other universities that are recognized by St Theresa International College.

Communication Arts Course Descriptions

General Education Requirements

Social Sciences

100 101 Man, Society and the Environment 3(3-0-6)

Human social behavior, roles and relationships of humans in society; social orders, systems and structures of society; impact of human behavior on the environment; issues of solutions to social and environmental problems.

100 102 Government and the Political systems of Thailand 3(3-0-6)

The important evolution of the constitution and government of Thailand; structure and organization of the administration; relationship between central, provincial and local administrations and their roles; important concepts, controversies and issues of political issues; political crises; local politics and international relations.

100 103 Law and Society 3(3-0-6)

Relationship between legal systems and society; important types of laws and their functions; relevant administrative, commercial and criminal laws and their implications for members of society.

100 104 Psychology in Everyday Life 3 (3-0-6)

Theoretical concepts of psychology which include behaviour, maturity, perception, learning, cognition, retention, forgetting, intellect, beliefs, attitudes, values, emotions, motivation and personality; physical, mental, emotional, social and ethical development of a person at various ages;



Linguistics

100 301 Thai for International Students 3 (3-0-6)

Communication practice for foreign students the Thai language so that students can listen, speak, read and writes basic words, groups of words and sentences that are commonly used in everyday life.

100 302 Thai for Communication 3 (3-0-6)

Practice to develop listening, speaking, reading and writing skills of Thai language for the purposes of communication, education and professional development.

100 303 English 1 3 (3-0-6)

Practice in listening, speaking, vocabulary building, grammar, reading, writing, and study skills for students of English at the beginner level.

100 304 English 2 (Prerequisite: 100 303 English 1) 3(3-0-6)

Continuation of English 1 with an emphasis on four functional skills which include reading, note taking, speaking and advanced writing; vocabulary derivation; discussion and presentation.

100 305 English 3 (Prerequisite: 100 304 College English 2) 3 (3-0-6).

Practices to develop effective writing skills using six writing styles including descriptive, comparative, narrative, expository, persuasive and summative writings which focus on adequacy in terms of syntax, punctuations, lexical choices and coherence.

100 306 English 4 (Prerequisite: 100 305 English 3) 3(3-0-6)

Continuation of English 3 with emphasis on improvement of writing skills to produce clear and direct-to-point pieces of writing.

100 307 English for Specific Purposes Prerequisite: 100 304 English 3 (3-0-6)

Principles of English for academic and technical purposes; reading for main ideas and specific details from textbooks and technical papers of some occupations; practices of recording and writing memorandum or report using technical terminology.

Sciences and Mathematics

100 401 Mathematics, Science and Man 3(3-0-6)

Concepts and logics of Mathematics that people used to develop themselves, economy and society; numerical analysis and methods that are used by computers to solve mathematical problems or equations; concepts based on scientific inquiry which led to endless research and development of technology; systematic thinking which resulted in important scientific theories and concepts.

**100 402 Statistics in Everyday Life****3 (3-0-6)**

Concepts of statistics and their applications in problem solving by means of data gathering, frequency distribution, probability, hypothesis testing; interpretation of the tests, regression and correlation analysis.

100 403 Biology in Everyday Life**3 (3-0-6)**

Biological knowledge in terms of everyday health and the environment; principles and concepts of biology; biological structures of plants and animals which include the division, syntheses and functions of cells, genetics, cytology, and the origin of life.

100 404 Physics in Everyday Life**3 (3-0-6)**

The Role of Physics in human lives; concepts and principles of physics which can describe everyday phenomena and are thus useful for everyday life; principles of Physics about force, motion, energy, pressure, heat, light, sound, electricity, and nuclear energy.

100 405 Present Chemistry in Everyday People's Life**3(3-0-6)**

The role of Chemistry in everyday life concepts and principles of Chemistry essential for everyday life which include inorganic and organic chemistry; the chemistry of living organisms; acids and bases; oxidation and reduction; radioactive substances.

100 406 Calculus in Everyday Life**3(3-0-6)**

A function as a mathematical means to describe everyday activities; common functions including rational, parabolic, logarithmic and trigonometric functions; limits and continuity of functions; curvature of graphs; rate of change; the calculus of motion and time; derivatives versus integrals; differentials of the heart; use of differentiation and integration at work.

100 407 Computer Applications**3(3-0-6)**

Basic knowledge of computers and networking systems; practice to develop computer skills and computer literacy using common software packages; hands-on use of spreadsheets, databases, and word processors.

Quality of Life Development**100 501 Aerobics****1(0-2-1)**

Aerobic dance for physical exercise and healthy living.

100 502 Personality Development**1(0-2-1)**

Practice to develop a professional image and personality; practice social etiquette

100 503 Sports**1(0-2-1)**



Selected sports and physical exercise for health which includes football, volleyball, basketball, takraw and swimming.

100 504 Social Dances

1(0-2-1)

Study the meaning, history, manner, basic skills and benefits of social dances; practice the types and rhythms of social dances.

Core courses

131 101 Principle of Communication Arts

3(3-0-6)

Concepts and theories of communication in society; analysis of communication processes based on Behavioral Sciences; various types of communication skills including interpersonal and mass communication skills; roles and influences of communication towards social development; understanding about careers in communication arts.

131 102 Law and Ethics of Communication Arts

3(3-0-6)

Human rights to express ideas and reactions; Philosophy of mass communication law and related laws; code of ethics for mass communication professionals.

131 103 Introduction to Research Skills

3(3-0-6)

Essential statistics and research methods for communication science research; types, meaning, process and characteristics of research; language and terminology in social science research; proposal writing, questionnaire design, sampling design, data tabulation, data analysis, and report writing that summarizes the results for development and benefits of communication science profession.

131 104 Mass Communication Design

3(1-4-4)

Introduction to design processes for mass communication; meaning and scope of the design processes; basics and interpretation of image language; process to design and develop conceptual idea that can be communicated via image language; types of image language including abstract, semi-abstract and tangible; application of the concepts to press media, photography, movies and television program.

131 105 Digital Photography

3(2-2-5)

Digital photography equipment; functions of camera and peripherals; history and types of photographs; the angle determination of cameras, sizes and aspect ratios of the photographs; derivation and presentation of creative ideas in photography works.

131 106 Creative Writing for Mass Communication

3(2-2-5)

Basic knowledge about creative writing for communication media and mass communication; writing techniques to communicate ideas; practice finding information and reading for mass communication; efficient communication through various media including essays, articles, news and speech writing.

**131 107 Analysis of Audience Behavior****3(2-2-5)**

Role and influence of media on socio-economic systems and consumers; survey for information about the requirements of consumers; modernism, self perception, reproduction and copying of suppliers and consumers; communication channels accessible by consumers.

131 108 Media Literacy**3(2-2-5)**

Understanding about media; outcomes and functionalities of media communication; meaning and resident advertisement in media; use of media for persuasion; morals and ethics of media communicators; content analysis and discussion; classification of media by recipients.

131 109 Speech for Mass Communication**3(1-4-4)**

Meaning, importance, principles and objectives of speech for mass communication; suitable use of language, voice and style; personality development; public speaking; techniques of speaking with purpose in mass communication such as masters of ceremony, announcers of news or advertisement.

Required Courses**131 201 Introduction to Entertainment Business****3(3-0-6)**

History and evolution of entertainment business; types and forms of entertainment business; the importance of entertainment business; characteristics and roles of concerning organizations; basic principles of entertainment business production; morals and ethics for entrepreneurs and professionals in entertainment business.

131 202 Introduction to Film**3(2-2-5)**

History of film; characteristics, forms and structures of films; film production process; communication and understanding within the story of film; production factors; consumer markets and distribution channels of film media.

131 203 Introduction to Screenplay Writing**3(2-2-5)**

Introduction to the art of screenplay writing for film and video; idea management and imagination; components of script and story narration in films; investigation and debate in terms of philosophy, ethics and logics including the feasibility assessment of film production.

131 204 Basic Television**3(2-2-5)**

Basic knowledge about producing and broadcasting of television programs; history, types and patterns of television works; functions of television professionals; production process and production factors of television programs; instrument used in television processes; morals and ethics for producers of television programs.

131 205 Basic Television Program Creative**3(1-4-4)**



Understanding about patterns of television works; objectives of television show production; understanding about audiences; consistency between contents and communication channels; learning to work with large team members; determination of roles and responsibilities in television works; creating audience's interest in terms of production and narration; morals, ethics and social responsibility of television producers.

131 206 Pre-production Process of Film and Television 3(2-2-5)

Structures and tasks of film and video production programs pre-production; integration of ideas from various aspects of science; prioritization, division of tasks in production process, interpretation of written script into visual language, strategies for characters casting and scene location selection, assessment of production tools and equipment, film production management, production cost estimation and solving unanticipated problems.

131 207 Roles of Content Provider 3(2-2-5)

Types of mass communication nowadays when communication has no border; understanding about instrument and digital communication systems; relationship between technology and mass communication; selection of distribution channels that suit the audiences; content creation that is suitable for communication channel; strategies to create trends in on-line social networks with morals and ethics;

131 208 Inter-cultural Communication 3(3-0-6)

Understanding about culture, tradition and context of people in area; races and religions of different regions and countries, and the effects they have on communication; cultural understanding for effective communication; merger and exchanges of culture; cultural analysis of mass communication to create variety to new knowledge.

131 209 Mass Communication for ASEAN Countries 3(1-4-4)

Contextual analysis of mass communication in ASEAN countries in order to understand various needs of audiences in different countries; selection of interesting information and issues to be outstanding choices for audiences; choices of technology for different contents; creation of good relationship with media producers of ASEAN countries.

131 210 Compositions of Arts 3(1-4-4)

Principles and theories of arts compositions, colors, dimensions and aesthetics; practice to develop skills of translating idea into paintings; understanding about picture framing, picture continuity and story narration by pictures; applications of the arts compositions in the production of film and television show.

131 211 Lighting and Sound Design 3(2-2-5)

Understanding about lighting, characteristics of lights and lighting equipment; theory of lights; colors of lights and their effects on audience emotion; lighting that suits filming equipment; basic understanding about sounds in film and television and the communication effects in



terms of content and emotion; introduction to music production for films; proper use of sounds for specific tasks.

131 212 Film and Television Editing 3(1-4-4)

Use of equipment and computer programs for editing; finding relationship between scripts and images for editing; timing and editing; complete and continuous composition of picture frames; use of special techniques in editing; publicity of editing work.

131 213 Documentary and Mockumentary 3(2-2-5)

Process of making documentary and mockumentary; various forms of documentary and mockumentary; organization of idea for narration; planning of objectives for implementation; writing for mockumentary; choices of equipment and personnel for production; selection of photographs for documentary narration; unanticipated problem solving in the scene.

131 214 Visual Communication and Interpretation for Mass Communication 3(2-2-5)

Understanding of visual language in movies and television shows; understanding of image symbols with reference to symbolic theory; selection of symbols to clearly communicate intended meaning or to create new meaning; the use of examples and analogy.

131 215 Acting and Directing 3(1-4-4)

Understanding the objectives of performing show; interpretation of written scripts to form visual and body languages; acting techniques used in film and television show; facial expression and gesture; acting movement and speech; directing action and performance; solving unanticipated problems; creating good understanding between staff and customers.

For Senior Project or Cooperative Education Choose one from the two choices as follows:

- 1) Training Practicum (no credits) and Senior Project/Thesis 6 credits or**
- 2) Cooperative Education
6 credits**

131 216 Training Practicum 0(0 -280 -0)

Training practicum in movie and television works within offices of government agencies or private companies; practice for the students to apply theoretical knowledge and practical skills in real work settings; pre-practicum orientation to give detail of training practicum, and post-practicum seminar to discuss and conclude learning outcomes of the training, problems and solutions or remedies to accomplish the tasks.

131 217 Senior Project/Thesis 6 (1 -15 -7)

Guided study by research, trials and development of movie and television project in a chosen topic or area; demonstration of self capability to solve problems in design and production processes until the project is completed under the guidance of adviser(s) so as to prepare the students for future careers;



presentation of idea and receiving evaluation of committee; dissemination of outputs of movie and television projects for publicity.

131 218 Cooperative Education**6(0-12-6)**

Combination of movie or television project of the senior students with actual working in the workplaces; (Students must be recruited to work full-time as a trial employees of cooperative company for at least one semester of 15 weeks; students must write a report about things they learn and problems that can be solved using the learned knowledge; there must be adjunct faculty stationed at the workplace to take care and educate the student employee.)

Elective Courses**131 301 Screenplay Writing for Television****3(1-4-4)**

Understanding about formats of television works; development of idea into written forms to create verbal scripts for program conductors of each kind; derivation of dialogues from the contents of TV shows; creation of drama, documentary and entertainment programs; choice of language appropriate for tasks of TV shows, characters and program narrators; use of language to persuade audiences.

131 302 Creative Design of Television Programs**3(1-4-4)**

Understanding various types of television programs; concepts of television production to fulfill the objectives; need of target audiences from various television programs; market mechanism; clarity and validity of presenting contents; usefulness of the contents for target audiences; creating program identity; value creation of television work based on ethics of mass communication.

131 303 News Creativity**3(1-4-4)**

Understanding formats and types of news; sources of news; agenda design; news announcement techniques; evaluation and screening of news for accuracy and appropriateness of the contents; preparing equipment and personnel for news production; news editing; use of language to create interesting news; professional ethics of journalists.

131 304 Television Production**3(1-4-4)**

Production of television programs both inside and outside of studios; studio tools and equipment; techniques of program directing; screen design; light design; use of special effects in creating pictures and graphics; making program interesting; creating program that has value and fulfillment to marketing needs of customers with emphasis on morals and ethics;

131 305 Design for Television Programs**3(1-4-4)**

Elementary tasks to create background screen and supplement used to produce television shows; design principle; drawing and choice of materials; practical exercise to create screens and find supplements; principle of costume design for characters; special effects in making costume that suits



role play and story; practical exercise to design costume for performers in TV shows; evaluation of cost of production.

131 306 Innovation in Television 3(1-4-4)

Combination of one's idea, experience, perception, learned knowledge, and developed technology which results in an innovative style of television; use of imagination and creative techniques to develop one's own identity on the basis of mass communication.

131 307 Management of Television Studio 3(1-4-4)

Management, roles and responsibilities of television show producers; development of television production processes according to mechanism of market, society and technology; work practice in corporation settings; working with large groups of people; budget management of television production; problem solving in organization of TV programs; methods to present the work to public.

131 308 Advanced Screenplay Writing 3(1-4-4)

Understanding about formats of movie work; development of idea to written language for script writing; specification of characters of various styles; creating dialogues from screenplay writing; determination of symbols to carry the meaning of image; choice of language suitable for specific tasks; language to express emotions; creation of impression in movie; development of show case to one's own identity..

131 309 Creative Design of Television Commercials 3(1-4-4)

Determination of design strategy to create television commercials; transpiration of creative idea into pictures to achieve the objectives of television commercials; management of production personnel and clients; practice to work under high degree of

131 310 Creative Design of Short Film 3(1-4-4)

Practical project to study and create short-film for assigned topics; communication via film to create understanding in intended messages; use of arts in making film; acting, directing and film editing; work and cooperation within a team; solving problems in film shooting squad; exhibition and publicity of creative project via short film.

131 311 Film Production 3(1-4-4)

Production of long movies using tools and equipment in studio and outdoor settings; techniques for movie directing; scene design; light design; making of special effects in images and sounds; management of movie shooting team; production of movie that has values and meet marketing needs on the basis of morals and ethics.

131 312 Film Innovation 3(1-4-4)

Combination of one's idea, experience, perception, learned knowledge, and developed technology which results in an innovative style of films; use of imagination and creative techniques to develop one's own identity on the basis of mass communication.

**131 313 Film Criticism****3(2-5-5)**

Principles and techniques to criticize film of various types; practice to write variety of articles such as narrative articles, analytic articles, interview articles, and critique articles which are standard and reliable; analysis of film using theories and principles; roles and responsibilities of authors toward society according to principles and theories of communication arts.

131 314 Management of Film Studios**3(1-4-4)**

Management, roles and responsibilities of film producers; development of film production processes according to mechanism of market, society and technology; work practice in corporation settings; working with large groups of people; budget management of film production; problem solving in film production processes; methods to present the film work to public.

131 315 Make-up Techniques**3(1-4-4)**

Principle of make-up; understanding about equipment used for make-ups; special techniques for make-up of particular characters; facial shape adjustment; use of imagination to create new characters for film actors or television performers.

131 316 Basic Performance**3(1-4-4)**

History and types of performance show; objectives and meaning of various types of performance show; use of body language to tell story; thought process and interpretation of expression by gestures; personality development of actors; building confidence in front of crowd.

131 317 Advanced Performance**3(1-4-4)**

Understanding about difficult roles and characters to perform; memorizing scripts to perform; performing by gesture; use of spoken language and body language to affect emotion; meditation; transfer of emotion from actors to audiences; making audiences concentrate; solving unanticipated problems; performing with high degree of pressure.

131 318 Rhythmic Dance**3(1-4-4)**

Performance in terms of dancing art; understanding rhythms of music and the relationship with movement of body; breathing techniques while performing and moving body; aesthetics of rhythmic movement; performing dance in front of crowd.

131 319 Professional Presentation for Show Conductors**3(1-4-4)**

Principles and objectives of speaking in events for the purpose of advertisement and publicity; use of language, voices and adequate styles of speaking; personality development; information preparation; summary of press releases; presentation.



FACULTY OF EDUCATION

The Faculty of Education offers a 5-year Bachelor of Science majoring in Mathematics

BACHELOR OF EDUCATION PROGRAM IN MATHEMATICS

International Program (Revised Curriculum of 2015), St Theresa International College

1. PROGRAM TITLE

Bachelor of Education Program in Mathematics (International Program)

2. PROGRAM DEGREE

Full name of Degree: Bachelor of Education (Mathematics)

Abbreviation: B.Ed. (Mathematics)

3. PROGRAM OBJECTIVES AND OUTCOME

3.1.1 PROGRAM OBJECTIVES

To produce qualified graduates with knowledge and skills in the management of learning by:

- To be rational, ethical and moral in their way of life, be virtuous and enlightening; ambitious to Learn, gain personal development and improve society with knowledge for survival.
- To have a broad and deep knowledge of mathematics, use English in teaching mathematics, have problem-solving ability; know how to deal with change and to use English for creative thinking.
- To have the knowledge, skills and techniques of learning and teaching mathematics by using innovation and information technology to be applied with curriculum management ; and by using activities effectively on mathematic subjects, expertise in the management of learning of technology. Help do research; use research work to help solve problems of projects effectively and properly.

3.1.2 PROGRAM OUTCOMES

The Bachelor of Education Program in Mathematics (International Program) aims to produce desirable graduates, such as

- Graduates will be good teachers with merit and ethics in their way of life (Ethics in Teaching Profession), take responsibilities for professions, society and the environment.
- Graduates will have high capacities in teaching and learning in their own field understand the nature of learners.
- Graduates will be happy and able to adjust themselves with rational and good attitudes. They can survive and live with others and with happiness.

PROGRAM STRUCTURE

(1) General Education Requirements	30	credits
- Social Sciences	3	credits
- Humanities	5	credits



- Linguistics	15	credits
- Sciences and Mathematics	6	credits
- Quality of life Development	1	credit
 (2) Major requirements for the Teaching Profession qualification	 131	 credits
- Core Courses	50	credits
- Required Courses	30	credits
- Elective Courses for the teaching profession	4	credits
- Cooperative Education/Internship	16	credits
- Major subjects	81	credits
- Major subjects requirements	63	credits
- Major subjects elective courses	12	credits
- Major subject teaching	6	credits
 (3) Free Elective	 6	 credits

3.1.3 Criteria to be applied for the codes of the study courses/ subjects in each program Digital Codes

All courses/subjects are supplied with a six digit code number as follows:

The first digit refers to the Faculty

The second digit refers to the Department

The third digit refers to the Major course/Subject

The fourth, fifth, and sixth digits mean the code order of the courses/ subjects in each group

For the general education requirements and subjects, the codes are as follows:

101 X X X	Social Sciences
102 X X X	Humanities
103 X X X	Linguistics
104 X X X	Sciences and Mathematics
105 X X X	Quality of Life Development
106 X X X	Sciences

For education program curriculum in Mathematics, the codes are as follows:

151 X X X	means	Core courses for
		teacher profession
151 1 X X	means	Required Courses for teacher profession
151 2 X X	means	Elective courses for
		teacher profession
151 3 X X	means	Cooperative education for teacher profession
152 X X X	means	Major subjects in
		Mathematics
152 1 X X	means	Major subjects
requirement courses		
152 2 X X	means	Major subjects teaching
152 3 X X	means	Elective Course for
		major subjects

3.1.4 Program courses/ subjects



For Social Sciences subjects 3 credits
Choose 3 credits from the following courses /subject:

100 101	Man, Society and the Environment	3(3-0-6)
100 102	Government and the Political system of Thailand	3(3-0-6)
100 103	Law and Society	3(3-0-6)
100 104	Psychology in Everyday Life	3(3-0-6)

For Humanities subjects,
Choose 5 credits from the following courses/ subjects

100 201	The Art of Thinking	3(3-0-6)
100 202	Philosophy and Religions	3(3-0-6)
100 203	Communication and Human Relations	3(3-0-6)
100 204	Library Skills	1(0-2-1)
100 205	Study Skills	1(0-2-1)
100 206	Art Appreciation	1(0-2-1)
100 207	Music Appreciation	1(0-2-1)

For Linguistics subjects,
Choose 15 credits from the following courses/subjects

100 301	Thai for International Students	3(3-0-6)
100 302	Thai for Communication	3(3-0-6)
100 303	English 1	3(3-0-6)
100 304	English 2	3(3-0-6)
100 305	English 3	3(3-0-6)
100 306	English 4	3(3-0-6)
100 307	English for Specific Purposes	3(3-0-6)

For sciences and mathematics subjects,
Choose 6 credits from the following courses/subjects

100 401	Mathematics, Science and Man	3(3-0-6)
100 402	Statistics in Everyday Life	3(3-0-6)
100 403	Biology in Everyday Life	3(3-0-6)



100 404	Physics in Everyday Life	3(3-0-6)
100 405	Chemistry in Everyday Life	3(3-0-6)
100 406	Calculus in Everyday Life	3(3-0-6)
100 407	Computer Applications	3(3-0-6)

For Quality of life Development subjects,
Choose 1 credit from the following courses / subjects

100 501	Aerobics	1(0-2-1)
100 502	Personality Development	1(0-2-1)
100 503	Sports	1(0-2-1)
100 504	Social Dance	1(0-2-1)

(2) Major Requirements

129 credits

- Core courses

50 credits

- Required courses

30 credits

151 101	Principles of Education and Teaching Profession	3(3-0-6)
151 102	Curriculum Development	3(3-0-6)
151 103	Design and Learning Management	3(2-2-5)
151 104	Innovation and Information Technology in Education	3(2-2-5)
151 105	Educational Psychology	3(3-0-6)
151 106	Educational Measurement and Evaluation	3(2-2-5)
151 107	Educational Research	3(2-2-5)
151 108	Educational Management	3(2-2-5)
151 109	Inclusive Education	2(2-0-4)
151 110	Quality Assurance in Education	2(2-0-4)
151 111	Thai Language and Culture for Teachers	2(1-2-3)

For Elective Courses subjects,



Choose 4 credits from the following

151 201	Education for Local Development	2(1-2-3)
151 202	Skills and Teaching Techniques	2(1-2-3)
151 203	Curriculum and Instruction in ASEAN	2(2-0-4)
151 204	Counseling Psychology and Guidance	2(1-2-3)
151 205	Classroom Management	2(2-0-4)

Cooperative Education for Techer Profession 16 credits

151 301	Practicum I	2(0-90-0)
151 302	Practicum II	2(0-90-0)
151 303	Teacher Professional Internship I	6(0-360-0)
151 304	Teacher Professional Internship II	6(0-360-0)

Major course/ subject requirements

63 credits

152 101	Principle of Mathematic	3(3-0-6)
152 102	Number Theory	3(3-0-6)
152 103	College Algebra	3(3-0-6)
152 104	College Geometry	3(3-0-6)
152 105	Abstract Algebra	3(3-0-6)
152 106	Calculus and Analytic Geometry I	3(3-0-6)
152 107	Set Theory	3(3-0-6)
152 108	Logic and Rationale	3(3-0-6)
152 109	Discrete Mathematic	3(3-0-6)
152 110	Calculus and Analytic Geometry II	3(3-0-6)
152 111	Finite Mathematics	3(3-0-6)
152 112	History of Mathematics	3(3-0-6)
152 113	Equation Theory	3(3-0-6)



152 114	Probability and Statistics	3(3-0-6)
152 115	Programming Package for Mathematics Education	3(30-6)
152 116	Graph Theory	3(3-0-6)
152 117	Statistic for Research	3(3-0-6)
152 118	Mathematics Project	3(3-0-6)
152 119	Content Analysis of Mathematics in Basic Education Curriculum	3(3-0-6)
152 120	Activities for Mathematics Learning	3(3-0-6)
152 121	Seminar of Mathematics Education	3(3-0-6)

Major Course/ Subject teaching 6 credits

152 201	Mathematics Teaching and Learning I	3(3-0-6)
152 202	Mathematics Teaching and Learning II	3(3-0-6)

Elective Course for Major subject 12 credits

152 301	Linear Algebra	3(3-0-6)
152 302	Analytical Statistics	3(3-0-6)
152 303	Mathematical Model	3(3-0-6)
152 304	Research in Mathematics Education	3(3-0-6)
152 305	Mathematical Analysis	3(3-0-6)
152 306	Mathematics and Problem-solving	3(3-0-6)
152 307	Trends in Mathematics Education	3(3-0-6)
152 308	Computer Assisted Instruction in Mathematics	3(3-0-6)
152 309	Mathematic Learning Management for Specific Group of Students	(3-0-6)

3. Free Electives

Choose any of the courses offered by the St Theresa International College programs or from other universities that are recognized by St Theresa International College

**Mathematics Course Descriptions for
Bachelor of Education Program in Mathematics**



General Education Requirement

Social Sciences

100 101 Man, Society and the Environment 3(3-0-6)

Human social behavior; role and relationships of humans in society; social orders, systems and structures of the society; impacts of human behaviour on the environment; issues of solutions to social and environmental problems.

100 102 Government and the Political System of Thailand 3(3-0-6)

The important evolution of the constitution and government of Thailand; structure and organization of the administrations; relationship between central, provincial and local administrations and their roles; important concepts, controversies and issues of political issues; political crises; local politics and international relations.

100 103 Law and Society 3(3-0-6)

Relationship between legal systems and society; important types of laws and their functions; relevant administrative, commercial and criminal laws and their implications for members of society.

100 104 Psychology in Everyday Life 3 (3-0-6)

Theoretical concepts of psychology which include behaviour, maturity, perception, learning, cognition, retention, forgetting, intellect, beliefs, attitudes, values, emotions, motivation and personality; physical, mental, emotional, social and ethical development of a person at various ages; approach to problem solving; emotional conflicts; use of psychological processes and mechanisms to adapt and develop emotional maturity, and the application in a daily life.

Humanities

100 201 The Art of Thinking 3 (3-0-6)

Practices of systematic, critical and creative thinking skills using case study; practice to present bold ideas and rationale; derivation and evaluation of alternative or initiative solutions to solve typical problems; analysis of problems using conceptual idea and thought process.

100 202 Philosophy and Religion 3 (3-0-6)

Concepts and thought process in Philosophy; religious principles based on Philosophy about truth, goodness and the goals of life; the application of important concepts to thought processes, everyday practices as well as individual problem-solving.

100 203 Communication and Human Relations 3 (3-0-6)

Concepts and practices to develop communication and human relation skills; and techniques which will enable individuals to live happily in a society and gain benefits in terms of education and employment.

**100 204 Library Skills****1 (0-2-1)**

Practice to develop essential skills in using the library and on-line resources for the following purposes: locating information resources, finding periodicals and reference materials, using computers and the internet to find relevant information and assist with writing term papers.

100 205 Study Skills**1 (0-2-1)**

Practices to develop study skills and appropriate attitudes of the students so that they can assume the role and responsibility to learn efficiently ; practice for the development of skills useful in the workplace .

100 206 Art Appreciation**1 (0-2-1)**

An introduction to fine arts which leads to understanding aesthetics and the use of the imagination; implementation of approaches to impart to the students an appreciation of and good attitudes toward fine arts and culture of various nations.

100 207 Music Appreciation**1 (0-2-1)**

An introduction to music which leads to understanding aesthetics and the use of imagination; implementation of approaches to impart to the students an appreciation of and good attitudes toward music as well as national and western culture of listening to music.

Linguistics**100 301 Thai for International Students****3 (3-0-6)**

Communication practices for foreign students to listen to and speak Thai language so that they can listen, speak, read and write basic words, group of words and sentences that are commonly used in everyday life.

100 302 Thai for Communication**3 (3-0-6)**

Practices to develop listening, speaking, reading and writing skills of Thai language for the purposes of communication, education and professional development.

100 303 English 1**3 (3-0-6)**

Practices in listening, speaking, vocabulary building, grammar, reading, writing, and study skills for students of English at the beginner level.

100 304 English 2 (Prerequisite : 100 303 English 1)**3 (3-0-6)**

Continuation of English 1 with an emphasis on four functional skills which include reading, note taking, speaking and advanced writing; vocabulary derivation; discussion and presentation.

100 305 English 3 (Prerequisite: 100 304 College English 2)**3 (3-0-6)**



Practices to develop effective writing skills using six writing styles including descriptive, comparative, narrative, expository, persuasive and summative writings which focus on adequacy in terms of syntax, punctuations, lexical choices and coherence.

100 306 English 4 (Prerequisite: 100 305 English 3) 3 (3-0-6)

Continuation of English 3 with emphasis on improvement of writing skills to produce clear and direct-to-point pieces of writing.

100 307 English for Specific Purposes (Prerequisite: 100 304 English 2) 3 (3-0-6)

Principles of English for academic and technical purposes; reading for main ideas and specific details from textbooks and technical papers of some occupations; practices of recording and writing memorandum or report using technical terminology.

Sciences and Mathematics

100 401 Mathematics, Science and Man 3(3-0-6)

Concepts and logics of Mathematics that people used to develop themselves, economy and society; numerical analysis and methods that are used by computers to solve mathematical problems or equations; concepts based on scientific inquiry which led to endless research and development of technology; systematic thinking which resulted in important scientific theories and concepts.

100 402 Statistics in Everyday Life 3 (3-0-6)

Practical concepts of statistics and their applications in problem solving by means of data gathering, frequency distribution, probability, hypothesis testing; interpretation of the tests, regression and correlation analysis.

100 403 Biology in Everyday Life 3 (3-0-6)

Biological and practical knowledge in terms of everyday health and the environment; principles and concepts of biology; biological structures of plants and animals which include the divisions, syntheses and functions of cells, genetics, cytology, and the origin of life.

100 404 Physics in Everyday Life 3 (3-0-6)

The role of Physics in human lives and well-being in present days; concepts and principles of physics which can describe everyday phenomena and are thus useful for everyday life; principles of Physics about force, motion, energy, pressure, heat, light, sound, electricity, and nuclear energy.

100 405 Chemistry in Everyday Life 3(3-0-6)

The role of Chemistry in everyday life of people in present days; concepts and principles of Chemistry essential for everyday life which includes inorganic and organic chemistry; chemistry of living organisms and human lives; acids and bases; oxidation and reduction; radioactive substances.

100 406 Calculus in Everyday Life 3(3-0-6)



A function as a mathematical means to describe everyday activities; Common or everyday functions including rational, parabolic, logarithmic and trigonometric functions; limits and continuity of the functions; curvature of the graphs; rate of changes; the calculus of motion and time; derivatives versus integrals; differentials of the heart; use of differentiation and integration at works.

100 407 Computer Applications 3(3-0-6)

Basic knowledge of computers and networking systems; practices to develop computer skills and literacy using common software package; hands-on use of spreadsheet, database, and word processor.

Quality of Life Development

100 501 Aerobics 1(0-2-1)

Aerobic dance for physical exercise and healthy living.

100 502 Personality Development 1(0-2-1)

Practice to develop grooming personality and a professional image and personality for the students; practice of etiquette for socialization.

100 503 Sports 1(0-2-1)

Selected sports and physical exercise for health which include football, volleyball, basketball, takraw and swimming.

100 504 Social Dances 1(0-2-1)

Study the objectives, meanings, history, manner, basic skills and benefits of social dances; types and rhythms of social dances.

Course Requirements for Teaching Profession

151 101 Principles of Education and Teaching 3(3-0-6)

The philosophy, theory and principles of education. The importance of the teaching profession in modern society. The teacher's role and responsibility, and professional development. Creating competency, efficiency and professionalism. Being an academic leader. Good attain the standards of the teaching profession. Practice good governance, being both ethical and a good role model.

151 102 Curriculum Development 3(3-0-6)

Principles and theory of curriculum development. Foundation of curriculum development. Theory model and process of curriculum development. Curriculum evolution and development for fundamental education. Curriculum implementation and evaluation. Study and practice developing a school- based curriculum and a short course curriculum. Problems and trends in curriculum development.

**151 103 Learning Design and Management****3(2-2-5)**

Theory of learning and teaching. Brain, mind and learning styles. Learning models and processes in creating a learning environment. Learning model and learning development. Design and conduct learning experiences. Student center approach and integrated approach for inclusive education. Theory and practice in managing classroom and conducting learning atmosphere. Practice developing teaching media, writing lesson plans and implementing lesson plan.

151 104 Innovation and Information Technology in Education**3(2-2-5)**

Principles and theory of innovation and information technology in education. Information system and instructional media. Design, organize and use instructional media. Performance and organizational effectiveness in educational institutions. Development of educational technology, communication theories, relationships between communication and teaching and learning, roles of educational technology at present and in the future, types and characteristics of media, media selection, use and evaluation, production of instructional graphic materials, practices in operating sound equipment and projectors. Creating a learning center.

151 105 Educational Psychology**3(3-0-6)**

A study of the developmental process in humans in the context of psychological. Principles of teaching and learning. Emphasis will be placed on understanding the social, emotional, physical, and intellectual development of humans. Attention will be directed towards the nature and conditions of learning including the major types of learning, critical aspects of learning, and the problems encountered in fostering and directing learning.

151 106 Educational Measurement and Evaluation)**3(2-2-5)**

Components essential to assess student performance and instructor performance, assess and evaluate each of these components with an emphasis on the assessment and evaluation of course design and student performance. Relationships between teaching objectives, preparation of experience for learners and measurement and evaluation of learning; methods of measurement; cognitive, skill and affective; exam design and construction; portfolio and authentic measurement; summative and formative evaluation of leaning and reporting; assessment of school quality and educational quality assurance.

151 107 Educational Research**3(2-2-5)**

Introduction to frameworks and methods for educational research, including classroom-based and non-classroom-based research. Define, conceptualize, and prioritize the importance of the researches. Study theatrical research, research models, and designing a research study. Conduct research planning, statistics and research presentation. Research methods, seminar examining qualitative research philosophies and practices. Specific designs and methods will be explored in detail (case study, ethnography, grounded theory, discourse analysis, narrative analysis, documentary and arts-based research).

151 108 Educational Management**3(2-2-5)**

History of the education system, vision, and the development plan for education in Thailand. Theory, process, and administrative approach, leadership skill, critical and analytical thinking. Cultural perspective of organization, communication. Study of social, economic, religious, cultural and other aspects for developing a school. Education for sustainable development. A study of management and methodology concerning current academic administration; certain problems of



interest facing academic administration; project preparation pertaining to academic administration in educational institutes.

151 109 Inclusive Education 2(2-0-4)

An introduction to the concept of diversity and to an understanding of inclusive education. How schools and classrooms can support students with different needs in inclusive and responsive ways. Consideration is given to individuals with various disabilities and impairments, those with learning difficulties, those with exceptional gifts and talents, those at-risk and those with high support needs. Consideration will also be given to individuals from various backgrounds including race, ethnicity, culture and language.

151 110 Quality Assurance in Education 2(2-0-4)

Concepts of quality assurance in education; process and system of quality assurance in education; internal quality assurance, identification of auditing indicators and standard criteria, preparation of self-study reports; external quality assurance; linkage between internal and external educational quality assurance with emphasis on educational quality assurance for the improvement of the quality of products in education and the efficiency of the responsible personnel.

151 111 Thai Language and Culture for Teachers 2(1-2-3)

Study of Thai traditions, culture, the Thai way of life and Thai wisdom for social harmony. Appropriate language in speaking, reading, and writing in Thai. Communicative approach and language use in education setting and standard. Developing teaching approach and communication skills in teaching, summarizing skill, analyzing key concept in the article, making connection, doing presentation, writing report, and communication between teacher and parents.

Elective Courses for Teaching Profession

151 201 Education for Local Development 2(1-2-3)

Study local and community based education systems, role of local community leaders, management, and support in education. Explore local culture, traditions, and local knowledge. Creating structures for educational development in the area.

151 202 Skills and Techniques of Teaching 2(1-2-3)

An in-depth study of research-based effective teaching practices in the public- school classroom. Emphasis placed on specific applications for effective teaching models, lesson planning models, and other practices involved in classroom responsibilities.

151 203 Curriculum and Instruction in ASEAN 2(2-0-4)

Examines how value structures and political decisions affect systems of ASEAN education. Considers particular inequalities based on race, class, and gender. Encourages students to see the course as both an academic exercise, and an advantageous point for considering their own past and possible future experiences in education.

151 204 Counseling Psychology and Guidance 2(1-2-3)



A study of the developmental process in learners in the context of psychological principles of teaching and learning. Emphasis will be placed on understanding the social, emotional, physical, and intellectual development of learners.

151 205 Classroom Management 2(2-0-4)

Best practices in classroom and behavior management from organizing time, materials, and classroom space to strategies for managing individual and large group student behaviors, transitions, lab activities, and other arrangements. Basic legal procedures for all teachers will be presented. This course will prepare the university student to feel confident, know about how to fulfill their professional and legal responsibilities not only on the first day of school, but for the entire school year.

Practice for teaching profession

151 301 Practicum I 2(0-90-0)

Study and observe the school atmosphere by integrating all learning experiences into school practicum: administration, teacher assistance, classroom arrangement, administrative work, student affair, organization of a case study and school and community relationship.

151 302 Practicum II 2(0-90-0)

Practice all teacher works in school. Join with the school in developing school base curriculum, local as well as short course curriculum. Preparing students center lesson plan, school plans, practicing all classroom works, conducting academic projects under supervision.

151 303 Teacher Professional Internship I 6(0-360-0)

Integrate all pedagogical knowledge and skills into school teaching. Student teacher responsibilities will include conduct student center lesson plan, product and choose instructional media, apply technique and strategy of teaching, evaluate learning outcomes, apply evaluation results to develop teaching and learning, case study, classroom works, teacher works, classroom research. Seminar on teacher professional internship.

151 304 Teacher Professional Internship II 6(0-360-0)

Integrate all pedagogical knowledge and skills into school teaching. Student teacher responsibilities will include conduct student center lesson plan, product and choose instructional media, apply technique and strategy of teaching, evaluate learning outcomes, apply evaluation results to develop teaching and learning, case study, classroom works, teacher works, classroom research. Seminar on teacher professional internship.

Major course subjects

Required major subjects 63 credits

152 101 Principle of Mathematics 3(3-0-6)

Nature and structure of mathematics. Real number system, complex number system, logic, proof, set, transitive relations and functions.

**152 102 Number Theory 3(3-0-6)**

Creating the number system, natural number, integers, prime number, properties of integers, rational numbers, real numbers and complex numbers.

152 103 College Algebra 3(3-0-6)

Polynomial functions, rational functions, partial fractions, exponential functions, logarithm functions, trigonometric functions, hyperbolic functions, polynomial equations, polynomial theory.

152 104 College Geometry 3(3-0-6)

Theory and the basic application of geometry. axiomatic systems, Euclidean geometry and non-Euclidean geometry.

152 105 Abstract Algebra 1 3(3-0-6)

Groups, subgroups, cycle groups, permutation groups, homomorphism, isomorphism, automorphism, normal subgroup, Cayley's theorem, division group, ring, integral domain, field and knowledgeable thought linking to the mathematics study arrangement in accordance with the basic study course.

152 106 Calculus and Analytic Geometry I 3(3-0-6)

Analytic geometry that has the straight line, conic section, limit of functions, continuous function, derivative and search for Algebra's derivative function, transcendental functions, applications of derivative, anti-derivative.

152 107 Set Theory 3(3-0-6)

The development of axiomatic set theory, axiom of choice, the principle of order sets, cardinal numbers and ordinal numbers.

152 108 Logic and Reasoning 3(3-0-6)

The importance of logic, argumentation, rule of inference, reasonability, a sufficient and necessary conditions and proof.

152 109 Discrete Mathematics 3(3-0-6)

Counting, permutation and combination, recurrence relation, basic graph theory, graph representation with matrix, tree sorting, network, Boolean Algebra, a cycle of group arrangement, some of the algebra structure types, Poset and Lattice.

152 110 Calculus and Analytic Geometry II 3(3-0-6)**Prerequisite subject: 152 106 Calculus and Analytic Geometry II**

Polar coordinate system, parametric equation, definite integral, technique of integration, the application of definite integral, derivative and integral function in polar coordinate system, improper integrals, L'Hopital's rule, sequence and series, power series and the connection of knowledgeable thought of Mathematics study arrangement in accordance with the basic of educational course level.

**152 111 Finite Mathematic****3(3-0-6)**

System of linear equations and matrix, inequality and linear programming, financial mathematics, probability, markov chain, game theory and decision theory.

152 112 History of Mathematics**3(3-0-6)**

History and evolution of number and numeral from algebra, geometry, trigonometry, analytic geometry and calculus, statistics and probability and arrange for practical knowledge utilization for an extracurricular activity for learning in basic study arrangement level.

152 113 Equation Theory**3(3-0-6)**

Prerequisites subject: Calculus and Analytic Geometry Polynomial equation, properties of coefficient and equation root, quadratic equation, cubic equation, quartic equation, approximation on the roots of equation.

152 114 Probability and Statistic**3(3-0-6)**

Probability, random variable, a continuous and a discontinuous random variable probability distribution. The distribution of sample value, the estimation principle, hypothesis testing, regression equation, correlation coefficient, analysis of variance and the use of package program in teaching mathematics.

152 115 Programming Package for Mathematic Education**3(3-0-6)**

The use of a related programming package as an instrument in teaching mathematics, a trace for problem solution, graph creating, a various type of mathematics presentations.

152 116 Graph Theory**3(3-0-6)**

The preliminary knowledge of graph theory. path and cycle, three, the apply of three links graph theory, manger theory, the matching and separating of graph factors, eulerian and hamiltonian graphs, planar graph and a various applied that related to the transportation and the problem of coloring the top of the graph.

152 117 Statistic for Research**3(3-0-6)**

The meaning of statistics. The principle of probability, random variable, a various type of probability distribution, population and random sampling. The distribution of random variable probability, the estimation principle, hypothesis testing, chi-square test, the search of a relationship between variables, prediction, a one-way and two- ways variance analysis.

152 118 Mathematics Project**3(3-0-6)**

The study of mathematics with ones' aptitude and interest, project practice, an article writing and the presentation of an academic conference.

152 119 Content Analysis of Mathematics in Basic Education Curriculum **3(3-0-6)**



The content analysis of mathematics in basic education curriculum. To focus on the development, linking to apply the concept. The arrangement of mathematics curriculum and learning plan for basic education curriculum.

152 120 Activities for Mathematics Learning 3(3-0-6)

Mathematics camping activities, mathematics project activities, success in mathematics, activities to promote thinking process skills, mathematics activities club, mathematics contest skills activities.

152 121 Seminar in Mathematics Education 3(3-0-6)

To analyze the mathematics problem status in accordance with the basic education curriculum through seminar process. Problem analysis by group process, discussion, comments and problem guideline indication and inside classroom research project by seminar.

Major subjects teaching

152 201 Mathematics Teaching and Learning 1 3(3-0-6)

To bring the learning theory and psychology theory to apply in mathematics learning of elementary education. To analyze mathematics curriculum contents, books, mathematics' teacher manual. To have learning arrangement plan, learning media, extra skills exercises, learning achievement measurement and assessment, attitude measurement and mathematics process skills measurement suitable for age and class level of learners.

152 202 Mathematic Teaching and Learning 3(3-0-6)

Apply theory of learning and psychological theory into mathematics learning of secondary school level. Analyze mathematics curriculum contents, books, and teacher manual. Writing lesson plan, develop learning media, exercises to develop mathematics skills learning measurement and evaluation, attitude measurement and mathematics process skills measurement suitable to age and class level of learners.

Elective Major courses

152 301 Linear Algebra 3(3-0-6)

Matrix and determinant, linear equation system and applied vector space, linear transformation, specific value, bilinear form, quadratic form, scalar and orthogonality multiplication.

152 302 Analytical Statistics 3(3-0-6)

Prerequisite Subject: 152 114 Probability and Statistic

Information analysis, probability, random variation function, sampling random and distribution, an estimation, hypothesis testing, analysis of variance, regression and correlation analysis, hypothesis testing of non-parameter, time series analysis and the decision made by probability.

152 303 Mathematical Model 3(3-0-6)

Steps and techniques in mathematics model creating for problem solving, problem analysis, general implication check, summary of model and the interpretation of answers.

**152 304 Research in Mathematics Education****3(3-0-6)**

The meaning and sample of research in mathematics education. The domestic and foreign mathematics class, a research outcome guideline in mathematics learning arrangement and the thought of knowledge linking to mathematics study arrangement in accordance with the basic study course level.

52 305 Mathematical Analysis**3(3-0-6)****Prerequisite subject: 152 106 Calculus and Analytic Geometry**

The real and complex number systems, limit and continuity, derivative function and integral.

152 306 Mathematics and Problem-solving**3(3-0-6)**

Various principle and theory of mathematics that related to the real life. The linking of mathematics problems with the daily life's problems.

152 307 Trends in Mathematics Education**3(3-0-6)**

The importance of Mathematics use in daily life and the current link of basic learning mathematics to other subjects both inside Thailand and foreign countries. The learning content and activity of foreign and Thai's substance learning area during 1960 to present. The future trend of Mathematics' content and to bring various technologies to apply and help in learning.

152 308 Computer Assisted Instruction in Mathematics**3(3-0-6)**

To use the mathematics ready-made program, the creating of mathematics teaching communication by using media and computer innovations in order to create concepts and mathematics skills.

152 309 Mathematic Learning Management for Specific Group of Students 3(3-0-6)

Analyze students' special characteristics, such as students who have mathematics special skills and students who have problem with mathematics learning. Operate for learning plans for students who have special skills and the ones that lack of skills.



FACULTY OF PUBLIC HEALTH

The Faculty of Public Health offers bilingual Bachelor Degree Programs in health-related major fields for health development and health management in a wide range of health setting facilities. They are Community Health, Environmental Health, Hospital Management, and Alternative Medicine.

BACHELOR OF SCIENCE B.Sc. (Public Health) International Program (Revised Curriculum, March 2013) St Theresa International College

1. PROGRAM TITLE

Bachelor of Science (Public Health)

2. PROGRAM DEGREE

Full Name of Degree : Bachelor of Science (Public Health)

Abbreviation : B.Sc. (Public Health)

3. PROGRAM INFORMATION

According to the growing health-related services nationally and globally, needs for health developments in societies are recognized. Following ASEAN's AFTA Agreement, health services has been considered not the mere needs for individual, family, and social health development for human resource but the health-related industries. Thailand has been targeted for health service hub in the region. St. Theresa International College has the commitment for a variety of health-related academic programs. Public health academic programs aiming at certain subspecialty of public health arena are considered as desired societal profession for human resource and societal development in the foreseen prospect.

4. OBJECTIVES OF CURRICULUM

The objectives of the Bachelor of Science in Public Health Program are to develop the learning capability among students in the followings:

- Analyze and solve health problems for individuals, families, and communities resulting from insufficient health services, inappropriate health behavior, environmental and technological changes, and community health problem in a pattern of holistic integrated approaches;
- Effectively plan and operate public health project emphasizing on community participation and cooperation with concerning individuals and organizations;
- Demonstrate both theoretical and practical knowledge with the systemic analysis and efficiently apply learning experience in most authentic work contexts;
- Develop public health-related body of knowledge through research and development process including continuous searching of public health knowledge;
- Practice on public health profession with a full responsibility, morally, and ethically;
- Demonstrate expertise in utilizing information technology relating to public health and efficiently present work contents with information technology to some extent.

5. ACADEMIC SCHEDULE



The Bachelor of Science Program in Public Health for four majors, namely Community Health, Environmental Health, Hospital Management, and Alternative Medicine commence the program in the first semester of the academic year 2013

6. CREDIT REQUIREMENTS FOR GRADUATION, BACHELOR OF SCIENCE (PUBLIC HEALTH)

PROGRAM STRUCTURE	139	credits
GENERAL EDUCATION REQUIREMENTS	32	credits
Social Sciences	3	credits
Humanities	4	credits
Languages	12	credits
Science and Mathematics	12	credits
Quality of Life Development	1	credits
MAJOR REQUIREMENTS	101	credits
Core Courses	64	credits
Required Course	31	credits
Elective Courses	6	credits
FREE ELECTIVES	6	credits
Total Required credits for graduation (not less than)	139	credits

7. PROGRAM STRUCTURE

GENERAL EDUCATION REQUIREMENTS	30	credits
Social Sciences	3	credits
<i>Choose Three (3) credits from the followings:</i>		
101 101 Man, Society and Environment	3	(3-0-6)
Humanities	4	credits
102 104 Introduction to Psychology	3	(3-0-6)
102 113 Library Skills	1	(1-0-4)
Languages	12	credits
103 103 Thai for Communication	3	(3-0-6)
103-111 College English 1	3	(3-0-6)
103 112 College English 2	3	(3-0-6)
103 420 English for Communication in Health Profession	3	(2-2-5)
Science and Mathematics	12	credits
<i>Choose 12 credits from the followings:</i>		
104 103 Introduction to Statistics	3	(3-0-6)
104 118 Computer Applications	3	(3-0-6)
106 101 Biology	3	(2-2-5)
106 102 Chemistry	3	(2-2-5)
Quality of Life Development	1	credit

**Choose One (1) credit from the followings:**

105 105	Personality Development	1	(1-1-2)
105 107	Social Dancing	1	(1-1-2)

MAJOR REQUIREMENTS**101 credits****Core Courses****64 credits**

501-101	Anatomy and Physiology 1	3	(2-2-5)
501 102	Anatomy and Physiology 2	3	(2-2-5)
501 104	Microbiology and Parasitology	3	(2-2-5)
501 108	Health Economics	2	(2-0-4)
900 101	Biochemistry for Health Science	3	(2-2-4)
900 102	Introduction to Public Health	2	(2-0-4)
900 203	Physics for Health Science	3	(2-2-4)
900 204	Public Health Ethics	2	(2-0-4)
900 205	Public Health Pharmacy	3	(3-0-6)
900 206	Nutrition and Therapeutic Nutrition	2	(2-0-4)
900 207	Biostatistics	2	(2-0-4)
900 208	Law in Public Health and Basic Forensics Medicine	2	(2-0-4)
900 209	Epidemiology and Disease Control	2	(2-0-4)
900 210	Communicable and Non-communicable Disease	3	(3-0-6)
900 211	Dental Health	2	(2-0-4)
900 212	Health Education and Health Behavior	2	(2-0-4)
900 213	Health Communication	2	(2-0-4)
900 214	Community Health	3	(2-2-4)
900 215	Innovation and Health Technology	2	(2-0-4)
900 216	Health Project Planning and Assessment	2	(2-0-4)
900 317	Holistic Health Care	3	(3-0-6)
900 318	Basic Environmental Health Science	2	(2-0-4)
900 319	Laboratory Examination in Public Health	2	(1-2-2)
900 320	Basic Occupational Health and Safety	2	(2-0-4)
900 321	Public Health Administration	2	(2-2-4)
900 422	Research Methodology in Public Health	3	(2-2-4)
900 423	Seminar in Public Health Issues and Trends	2	(1-2-2)

Required Course**1. Major in Hospital Management**

901 301	Principles of Hospital Administration and Management	3	(3-0-6)
901 302	Accounting for Hospital Management	3	(3-0-6)
901 303	Financial Management for Hospital	3	(3-0-6)
901 304	Quality Development in Hospital	3	(3-0-6)
901 305	Human Resource development in Hospital	2	(2-0-4)
901 306	Procurement Management for Hospital	3	(3-0-6)
901 307	Information Systems for Hospital	3	(2-2-4)
901 408	Medical record System for Hospital Management	3	(2-2-4)
901 409	Risk Management for Hospital	3	(3-0-6)
901 410	Strategic management for Hospital	2	(2-0-4)
901 411	Conflict Management and Negotiation in Hospital	2	(2-0-4)
901 412	Professional Practice Preparation in Hospital Management	1	(0-20)



2. Major in Community Health

902 301	Anthropology and Sociology in Public Health	2	(2-0-4)
902 302	Community mental Health	2	(2-0-4)
902 303	Reproductive health and Family Health Care	3	(3-0-6)
902 304	Elderly Health Care	2	(2-0-4)
902 305	Sustainable Community Empowerment and Health Development	3	(2-2-4)
902 306	Home Health Care	3	(2-2-4)
902 307	Teaching and Counseling in Health Care	3	(2-2-4)
902 308	Vectors and Rodent Control	2	(2-2-4)
902 409	Basic Treatment in Primary Care Unit	3	(2-2-4)
902 410	Community Health Promotion and Services	3	(3-0-6)
902 411	Information Systems for Public Health	2	(1-2-2)
902 412	Leadership and Team Development in Health Care	2	(1-2-2)
902 413	Professional Practice Preparation in Community Health	1	(0-2-0)

3. Major in Environmental Health

903 301	Introduction to Industrial Hygiene	3	(3-0-6)
903 302	Environmental and Occupational Toxicology	3	(3-0-6)
903 303	Basic Engineering for Occupational and Environmental Health	3	(3-0-6)
903 304	Solid and Human Waste Management	2	(2-0-4)
903 305	Industrial and Hazardous Waste Management	3	(2-2-4)
903 306	Fundamental Meteorology and Air Pollution Control	3	(2-2-4)
903 307	Noise, Vibration and Nuisance Control	3	(2-2-4)
903 408	Food and Water Supply Sanitation	2	(2-0-4)
903 409	Wastewater Treatment and Disposal	2	(2-0-4)
903 410	Environment and Health Impact Assessment	2	(1-2-2)
903 411	Geographic Information Systems for Environmental Health	2	(1-2-2)
903 412	Sustainable Environmental Management	2	(2-0-4)
903 413	Professional Practice Preparation in Environmental Health	1	(0-2-0)

4. Major in Alternative Medicine

905 301	Introduction to Alternative Medicine	2	(2-0-4)
905 302	Thai Medicine and Alternative Medicine	3	(2-2-5)
905 303	Pharmacology for Alternative Medicine 1	3	(2-2-5)
905 304	Therapeutic Massage 1	2	(1-2-3)
905 305	Thai medicine and Alternative Medicine 2	3	(2-2-5)
905 306	Pharmacology for Alternative Medicine 2	3	(2-2-5)
905 307	Therapeutic Massage 2	2	(1-2-3)
905 308	Midwifery for Alternative Medicine	2	(1-2-3)
905 409	Naturopathy	2	(2-0-4)
905 410	Body and Mind Intervention	2	(1-2-3)
905 411	Spa Management	2	(2-0-4)
905 412	Energy Therapies	2	(2-0-4)
905 413	Aroma Therapy	2	(1-2-3)
905 414	Professional Practice Preparation in Alternative Medicine	1	(0-2-0)

*Professional Practice or Cooperative Education**6 credits*



The students will choose any course as follows:

For those students who attend the Cooperative Education Project

901 414	Co-operative Education in Hospital Management	6 (0-24-0)
902 414	Co-operative Education in Community Health	6 (0-24-0)
903 414	Co-operative Education in Environmental Health	6 (0-24-0)
905 415	Co-operative Education in Alternative Medicine	6 (0-24-0)

For those students who do not attend the Cooperative Education Project

901 415	Professional Practice in Hospital Management	4 (0-16-0)
902 415	Professional Practice in Community Health	4 (0-16-0)
903 415	Professional Practice in Environmental Health	4 (0-16-0)
905 416	Professional Practice in Alternative Medicine	4 (0-16-0)
901 416	Independent Study in Hospital Management	2 (0-8-0)
902 416	Independent Study in Community Health	2 (0-8-0)
903 416	Independent Study in Environmental Health	2 (0-8-0)
905 417	Independent Study in Alternative Medicine	2 (0-8-0)

FREE ELECTIVE

At least 6 credits, students will choose 6 credits of any courses available from the course offered in each faculty of the College

Courses Offered by the Faculty of Public Health

900 324	Primary Medical Care	3 (2-2-4)
900 325	Alternative Medicine and Local Folk Wisdom	3 (3-0-6)
900 326	Global Health	2 (2-0-4)
900 327	Sex Education	2 (2-0-4)
901 313	Health, Beauty and Spa Business	2 (2-0-4)
905 318	Natural Product for Health	2 (1-2-3)

**BACHELOR OF SCIENCE in OCCUPATIONAL HEALTH AND SAFETY (B.Sc.)
Bilingual Program
St Theresa International College**

1. PROGRAM TITLE

Bachelor of Science in Occupational Health and Safety (Bilingual Program)

2. PROGRAM DEGREE

Full Name of Degree: Bachelor of Science in Occupational Health and Safety
Abbreviation : B.Sc. (Occupational Health and Safety)

3. PROGRAM INFORMATION

According to the growing health-related services nationally and globally, needs for health developments in societies are recognized. Following ASEAN's AFTA Agreement, health services has been considered not the mere needs for individual, family, and social health development for human resource but the health-related industries. Thailand has been targeted



for health service hub in the region. St. Theresa International College has the commitment for a variety of health-related academic programs. Public health academic programs aiming at certain subspecialty of public health arena are considered as desired societal profession for human resource and societal development in the foreseen prospect.

4. OBJECTIVES OF CURRICULUM

The objectives of the Bachelor of Science in Occupational Health and Safety Program are to develop the learning capability among students in the following:

- Analyze and evaluate health problems and safety relating to resulting from working in the workplaces both agriculture and industrial environment causing individual health problems and health risks;
- Plan for occupational health and safety measures for individuals working in the workplace; Supervise working, technology, and risk reduction management at the workplaces according to its physical, technological and legal needs nationally and internationally;
- Develop social, physical, and technological knowhow required for health prevention and health promotion, including necessary health services according to National Public Health Act and public health services system and international organizations standard;
- Develop occupational health and safety body of knowledge through research and development with full responsibility, morally, and ethically.

5. ACADEMIC SCHEDULE

The Bachelor of Science Program in Occupational Health and Safety commences the program in the first semester of the academic year 2011

6. TOTAL REQUIREMENTS FOR GRADUATION	142	credits
A. GENERAL EDUCATION REQUIREMENTS	32	credits
Social Sciences	3	credits
Humanities	4	credits
Languages	12	credits
Mathematics		6
credits		
Quality of life Development	1	credit
Science	6	credits
B. MAJOR REQUIREMENTS	104	credits
Core Courses	60	credits
Major Courses	38	credits
Practicum or Co-operative Education	6	credits
C. FREE ELECTIVES	6	credits

7. COMPONENTS OF PROGRAM STRUCTURE

GENERAL EDUCATION REQUIREMENTS

Social Sciences	3	credits
101 101 Man, Society and Environment		3(3-0-6)



Humanity		4	credits
102 104	Introduction to Psychology		3(3-0-6)
102 113	Library Skill		1(1-0-4)
Languages		12	credits
103 103	Thai for Communication		3(3-0-6)
103 111	College English 1		3(3-0-6)
103 112	College English 2		3(3-0-6)
103 420	English for Communication in Health Profession		3(2-2-5)
Mathematics and Applied Statistics		6	credits
104 103	Introduction to Statistics		3(3-0-6)
104 118	Computer Applications		3(3-0-6)
Quality of Life Development		1	credit
<i>Choose One credit from the following courses:</i>			
105 107	Dance Sports		1(1-1-2)
Science		6	credits
106 101	Biology		3(2-2-5)
106 102	Chemistry		3(2-2-5)

MAJOR REQUIREMENTS

Core Courses

501 101	Anatomy and Physiology 1		3(2-2-5)
501 102	Anatomy and Physiology 2		3(2-2-5)
501 104	Microbiology and Parasitology		3(2-2-5)
501 108	Health Economics		2(2-0-4)
900 101	Biochemistry for Health Science		3(2-2-5)
900 102	Introduction to Public Health		2(2-0-4)
900 203	Physics for Health Science		3(2-2-4)
900 204	Public Health Ethics		2(2-0-4)
900 205	Public Health Pharmacy		3(3-0-6)
900 206	Nutrition and Therapeutic Nutrition		2(2-0-4)
900 207	Biostatistics		2(2-0-4)
900 209	Epidemiology and Disease Control		2(2-0-4)
900 210	Communicable and Non-communicable Disease		3(3-0-6)
900 211	Dental Health		2(2-0-4)
900 212	Health Education and Health Behavior		2(2-0-4)
900 213	Health Communication		2(2-0-4)
900 214	Community Health		3(2-2-4)
900 215	Innovation and Health Technology		2(2-0-4)
900 216	Health Project Planning and Assessment		2(2-0-4)
900 317	Holistic Health Care		3(3-0-6)
900 318	Basic Environmental Health Science		2(2-0-4)
900 319	Laboratory Examination in Public Health		2(1-2-2)
900 320	Basic Occupational Health and Safety		2(2-0-4)
900 422	Research Methodology in Public Health		3(2-2-4)
900 423	Seminar in Public Health Issues and Trends		2(1-2-2)

Major courses

903 301	Introduction to Industrial Hygiene		3(3-0-6)
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903 302	Environmental and Occupational Toxicology	3(3-0-6)
903 303	Basic Engineering for Occupational Health and Environmental Health	3 (3-0-6)
903 305	Industrial and Hazardous Waste Management	3(2-2-4)
903 410	Environment and Health Impact Assessment	2(1-2-2)
904 301	Industrial Ventilation and Industrial Pollution Control	2(1-2-2)
904 302	Industrial Hygiene Sampling and Analysis	3(1-4-2)
904 303	Ergonomics	3(3-0-6)
904 304	Industrial Psychology	2(2-0-4)
904 305	Occupational Medicine	2(2-0-4)
904 306	Environmental and Occupational Health and Safety Laws	2(2-0-4)
904 407	Occupational Health and Safety Management	2(2-0-4)
904 408	Fire Prevention and Control	2(1-2-2)
904 409	Industrial Safety Technology	2(2-0-4)
904 410	Health Service in Workplace	3(3-0-6)
904 411	Professional Practice Preparation in Occupational Health and Safety	1(0-2-0)

Practicum or Co-operative Education 6 credits

Select 1 option from available 2 options

1) For those who select the option of Co-operative Education

904 412	Co-operative Education in Occupational Health and Safety	6(0-24-0)
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2) For those who *do not* select the option of Co-operative Education

904 413	Professional Practice in Occupational Health and Safety	4(0-16-0)
904 414	Occupational Health and Safety Study Project	2(0-8-0)

FREE ELECTIVE COURSES 6 Credits

Select at least **SIX credits** of any courses available from other programs with consent from advisor.

Free Elective Courses Offered by the Faculty of Public Health

900 324	Primary Medical Care	3(2-2-4)
900 325	Alternative Medicines and Local Intellects	3(3-0-6)
900 326	Global Health	2(2-0-4)
900 327	Sex Education	2(2-0-4)
900 328	Health Business Venture and Entrepreneurship	2(2-0-4)
901 313	Health, Beauty and Spa Business	2(2-0-4)

MAJOR REQUIREMENT COURSE DESCRIPTION

Core Courses

900 101	Biochemistry for Health Science	3(2-2-4)
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Physical and biological characteristics of molecular biology namely carbohydrate, protein, fat, nucleic acid, enzyme, vitamins and coenzyme. Basic metabolism and cell energy. Processes of chemical changes at a cell molecular level in physique. The explanation of physiology and pathophysiology or physical disorders resulting from biochemical deficiencies.

900 102	Introduction to Public Health	2(2-0-4)
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Philosophy, principles and concepts of public health. History and development of public health. Progress of medical and health services. Situation of public health, health problems and health service system nationally and internationally. Roles of Ministry of Public Health on health care development. Health care and primary care approaches concepts. Health care system reform. Health care assurance system. National Health Act.

900 203 *Physics for Health Science* 3(2-2-4)

Laws of motion dynamics of objects, work and mechanical energy of fluid, external and internal forces in a body. Balance of heat and temperature. Physics of hearing, physics of vision, nerve conduction, muscles contraction, electrical potential of the brain.

900 204 *Public Health Ethics* 2(2-0-4)

Concept of ethics. Virtue and ethics for public health profession. Moral principle of law, ethical, philosophy, and religion principles for public health works and well-being living in a society.

900 205 *Public Health Pharmacy* 3(3-0-6)

Common drugs for household remedy and herbs. Foundational principle of utilizing drugs for illness treatment. Types of drugs, medication, reaction, and pharmacokinetic process in a body. Interaction of drugs and side effects. Storage of drugs. List of hard drugs. Public health works concerning drugs utilization. National policy on drugs. Consumer protection pertaining to public health. Law enforcement relating to drugs. Pharmaceutical approach in primary care health services.

900 206 *Nutrition and Therapeutic Nutrition* 2(2-0-4)

The significance of nutrition in health and wellness. Factors contributing to nutrition. The evaluation on nutritional status. Nutritional problems. Concepts of therapeutic nutrition. Means and ways for appropriate food preparations and food advices in different age groups both normal and ill stages. Behavior modification on food consumption. Nutritional problem identification in a community and approaches for problem solving. Planning and evaluation of community program on nutrition.

900 207 *Biostatistics* 2(2-0-4)

Prerequisite: Introduction to Statistics

Statistical methods for public health –related data Biostatistics. Statistical analysis on population. Data collection methods, data analysis, data presentation, and utilization of analysed data for public health problem solving.

900 208 *Law in Public Health and Basic Forensics Medicine* 2(2-0-4)

Principle and concept of law in general. Act and laws enforcement concerning public health services and consumer protection. Environmental Acts. Laws and legal regulations relating to birth, death, autopsy and corpse sending. The witness and testifying in a court.

900 209 *Epidemiology and Disease Control* 2(2-0-4)

Concept of Epidemiology. Relationships between persons, agents, and environment and the occurrence of diseases. Distribution of infection and non-infection diseases. Determinants of health and disease. Factors determining distribution. Prevention, investigation, surveillance, and control of disease in a community and health facilities. Epidemiological study.

900 210 *Communicable and Non-communicable Disease* 3(3-0-6)

Pre-requisite: Microbiology and Parasitology

Causes of communicable and non-communicable diseases. Epidemiology, communication and transmission of disease. Clinical signs and symptoms, diagnosis, and treatment. A prevention and control of public health significance diseases including health problem resulting from pollution, narcotics and a wide range of accidents.

900 211 *Dental Health* 2(2-0-4)

Basic knowledge of organs in oral cavity. Mechanisms of oral diseases development. A prevention of dental oral carries and periodontitis. Oral health promotion, oral health examination for a surveillance system. Dental health behavior problems diagnosis in a community. Dental health surveillance. Dental health service organizations and its structure. Models of dental health approached in a community.

900 212 *Health Education and Health Behavior* 2(2-0-4)

Philosophy, concepts, principles, methods of health education. Health behavior, theories relating to behavioral science. Models of behavior problems. Health education planning, strategies of



health education, the application of behavioral science for appropriate health education approaches in a formation of desired health behavior and health behavior modification. Principle of health learning and a production of learning materials for health education work.

900 213 *Health Communication* 2(2-0-4)

Meanings, models, theories and processes of health communication and public relation. Basic principles of media and materials used for communication. Skills development for communication, public relation and advertising in public health program. Roles of mass media in public design and practices on media production for public health works using the appropriate technologies according to sociocultural contexts of the target groups. The ability of analyzing and criticizing media and evaluation of media impact on health behavioral changes.

900 214 *Community Health* 3(2-2-4)

Definitions of community, health system, community structures of both urban and rural communities. Community study, community diagnosis process. Problems and needs for a development of health in a community. Principles of community health development. Concepts of sustainable development, processes of participatory sustainable health problems solving. Field practices for community health study and problem solving.

900 215 *Innovation and Health Technology* 2(2-0-4)

History of health technology development. Health equipment effectively health promotion, health prevention and health rehabilitation. Methods of using and its maintenance. Impacts of health technology on health development. A selection and an utilization of appropriate technology to maximize health benefits basing on the existing economical, social, and cultural contexts of the country. An application of local folk wisdom in a development, an initiation, invention of tools for a promotion, prevention and rehabilitation of health in individuals and a whole including public health information technology and database system.

900 216 *Planning and Project Assessment in Health* 2(2-0-4)

Essential knowledge for public health planning, characteristics and components of plan, planning a public health program in an integrated community development. Health policies, public health planning, a transfer of policies to actions. A formulation of public health action plan in Thailand. Characteristics of public health project assessment. Evaluation, report writing and presenting of results basing on communication strategies.

900 317 *Holistic Health Care* 3(3-0-6)

Concepts, theories on holistic health care in normal individuals. Self-health care with natural method of illness healing. Strategies for a development of herbal drugs. A study visit to a hospital producing and using herbal drugs as alternative choice of services. Values and moral enhancement for health promotion and environmental management facilitating health promotion of individuals, families and a community. Study on public policy conducive to a support of health promotion for needed population. A development of self-consciousness for a better health and prevention of illness in individuals.

900 318 *Basic Environmental Health Science* 2(2-0-4)

Definitions, scope and a significance of environmental health. Relationships between health and environment. Issues of environmental problems in the past and present. History of environmental health in Thailand and in the world. A control and prevention of environment to minimize pollution. Principles and method of food sanitation. Clean potable water, air pollution management, waste disposals, refuse disposal, waste water treatment, insect and rodent control, households and premises sanitation.

900 319 *Laboratory Examination in Public Health* 2(1-2-2)

Pre-requisite : Biochemistry

Tests of contamination in food, water and other substances affecting health. Diagnosis of diseases or secretion and blood relating to public health works.

900 320 *Basic Occupational Health and Safety* 2(2-0-4)

Pre-requisite: Physics for Health Science

Principles, significance, organizations or agencies involving occupational health and safety. Diseases and hazards occurring from working. Characteristics and sings of abnormality of diseases



and hazards causing by working. Occupational health services, international standard system, laws and legislation concerning occupational health and safety.

900 421 Public Health Administration 2(2-0-4)

Concepts and principles of public health administration. Leadership and management in public health. Public health organization. Strategic planning in public health. Personnel administration, technological resources of public health, public health budgeting, information, technology in public health, reporting and recording systems in public health. Quality management in public health.

900 422 Research Methodology in Public Health 3(2-2-4)

Pre-requisite: Biostatistics

Meanings, scope, significance and different types of public health research. Process of research. Statistic employed for public health research. Consideration of using research result in public health works. Developing a research proposal, carrying out research project, writing a research report. Selective topics for individual small scale research. Construction of research instrument, collection of data, writing of report, utilization research result of public health development.

900 423 Seminar in Public Health Issues and Trends 2(1-2-

2)

Principle and techniques of organization seminar. Analysis of student , trends, and potential factors affecting public health problem. Trends of public health profession and its development in the prospect. A study, presentation, and discussion on public health issues. A practice of organization of seminar on interacting public health issues and searching of means and ways for development public health work through the process of seminar aiming at public health development.

Required Courses

Occupational Health and Safety Courses

903 301 Introduction to Industrial Hygiene 3(3-0-6)

Hazards of different environmental sources, resulting from working environment causing health problems and safety of industrial labors according to nature of works and industries. Principles of the assessment and hazards control in industries.

903 302 Environmental and Occupational Toxicology 3(3-0-6)

General knowledge and principles of toxicology, processes of chemical toxicology, mechanisms and reactions of physique upon receiving certain toxicants, principles of testing and standardization of standard toxicants in the environment and in a human body. Instruments commonly used for the analysis of chemical toxicology at present. Pollution caused by certain industries and agriculture. Surveillance of health risks and principles of basic healing. A development of working capacity, human physiology in working environment affecting health of the worker. Health problem surveillance and a prevention of occupational diseases, including practices on the analytical examination on toxicology and occupational health

903 303 Basic Engineering for Occupational Health and Environ. Health 3(3-0-6)

Fundamentals of civil engineering, electrical engineering, mechanical engineering, industrial engineering, chemical engineering and application in occupational health and safety.

903 305 Industrial and Hazardous Waste Management 3(2-2-4)

Resources, types and characteristics of hazardous waste in a community, agriculture, service facilities and different types of industries. The impact of wastes on the environment and health. Management of solid waste and hazardous waste, storage systems, collection of garbage and collection of waste and hazardous waste at its origins. Handling and transportation to disposal facilities. Processes of safety removing of garbage and hazardous wastes. The conversion and recycle of wastes. Including, measures and related laws enforcement. Field trips excursion.

903 410 Environmental and Health Impact Assessment 2(1-2-2)

Principle of impact assessment due to development projects. That may affect both direct and indirect environment and health care. Techniques to assess the impact. Practice on the preparation and evaluation, environmental impact and health. Including, reporting and writing the analysis of environmental and health.



- 2) **904 301** ***Industrial Ventilation and Industrial Pollution Control*** **2(1-2-)**
Principles and methods for ventilation control, especially in the case of chemical pollution or industrial system design. Pollution haggard levels and a maintenance of ventilation system. A control of appropriate ventilation for minimizing and elimination pollutions in certain industries.
- 904 302** ***Industrial Hygiene Sampling and Analysis*** **3(1-4-4)**
Principles, methods, techniques of measuring and sample collection for an analysis. The employment of appropriate tools and instruments for collecting samples. Process of analysis, recording, interpreting, and reporting of data obtained from specific examination.
- 904 303** ***Ergonomics*** **3(3-0-6)**
Principles and basic concepts of ergonomics. Capabilities and constraints of human working performance. Management of working surroundings and environment. Design and selection of appropriate instruments for works, management of working condition, working methods, and working characteristics and workers.
- 904 304** ***Industrial Psychology*** **2(2-0-4)**
Relationships between human and human, human and machine in the factory atmosphere, construction site, and other workplaces. Psychology relating to working. The observation of mental condition and mental health problems assessment of workers, means and ways of solving identified problems. A promotion of positive attitude towards responsible works among workers for the increase of working efficiency.
- 904 305** ***Occupational Medicine*** **2(2-0-4)**
Characteristics, signs and symptoms of diseases causing by certain occupations or risk situations conducive to the occurrence of diseases or health hazards of individuals working in different occupations. Methods of screening disease or irregular signs resulting from certain occupations. Principles of occupational disease diagnosis. Occupational medicine services in the workplace.
- 904 306** ***Environmental and Occupational Health and Safety Laws*** **2(2-0-4)**
Knowledge in relevance to legal management concerning occupational health and safety. The emphasis of legislation relating to occupational health and safety in Thailand for instance, Industrial Act, Labor Force Act, Public Health Act, Environmental Promotion Act, and other related law enforcements.
- 904 407** ***Occupational Health and Safety Administration*** **2(2-0-4)**
Knowledge concerning occupational health and safety administration. The occurrence of accident and accident prevention. Safety inspection, investigation on accident, analysis techniques for safety. Data management for occupational health and safety. Training and dissemination of knowledge relating to occupational health and safety. Loss control, public relation and communication, standard systems of occupation health and safety.
- 904 408** ***Fire Prevention and Control*** **2(1-2-2)**
Knowledge on fire chemistry, chain reaction of ignition, principles of fire prevention and fire control in a factory and blinding, including a planning of fire prevention and control. A selection of suitably efficient fire control equipment, fire warning systems, emergency signs and emergency plan. The exercise on fire fighting and planning of fire escape and life solving.
- 904 409** ***Industrial Safety Technology*** **2(2-0-4)**
Rule and regulations for safety management in a factory. A prevention of accident occurring during working. Technology design of floor plan in a factory for a minimization of accidents. A design of accident prevention equipment for different types of risks, machine, welding, electrical work, fuel-related work, and work related to toxic substance. Standard signs and logos, techniques of hazard investigation and risk assessment. Safety administration systems and a management of safety management systems.
- 904 410** ***Health Service in the Workplace*** **3(3-0-6)**
Concepts, principles, and services management for health in the workplace. Models of health services management and basic welfare in the workplace facilitating individual health promotion. Steps of workers health examination activities. A setting of list for health examinations according



different types of industries and the approaches for manipulations or taking actions following the obtainment of examination results.

904 411 Professional Practices Prep. in Occupational Health and Safety 1(0-2-0)

A provision of preparedness activities for occupational and safety works. A development of personality, team working skill for the readiness of learners prior to a professional practicum.

**FACULTY OF NURSING**

The Faculty of Nursing offers the 4-year Bachelor of Nursing Science Program.

BACHELOR OF NURSING SCIENCE (B.N.S)**International Program****St Theresa International College****1. PROGRAM TITLE**

Bachelor of Nursing Science (International Program)

2. PROGRAM DEGREE

Full Name of Degree : Bachelor of Nursing Science

Abbreviation : B.N.S.

3. PROGRAM OBJECTIVES

- 3.1. To develop a foundation for professional practice;
- 3.2. To be able to use the nursing process in the delivery of care to individuals, families and/or communities;
- 3.3. To utilize critical thinking in the provision of holistic, evidence-based care and address the needs of individuals, families, and communities in all stages of life in the community;
- 3.4. To integrate professional values, ethics, and standards into the philosophy of nursing practice with caring as the main core;
- 3.5. To plan, implement and evaluate therapeutic interventions for clients from diverse cultures and in a variety of settings;
- 3.6. To use effective modes of communication with clients, community partners and health-care providers in order to provide quality health care;
- 3.7. To collaborate with stakeholders (clients and providers) in the development, implementation, and management of outcome-based care in promotive, preventive, curative, and rehabilitative care across all environments.

4. CURRICULUM STRUCTURE AND CREDIT REQUIREMENTS**4.1 Total Requirements for Graduation in the B.N.S Degree Program 144 credits**

A. GENERAL EDUCATION REQUIREMENTS	39	credits
Social Sciences	3	credits
Humanities	8	credits
Languages	15	credits
Basic Science and Mathematics	12	credits
Quality of Life Development	1	credits
B. MAJOR REQUIREMENTS	99	credits
Foundation Courses	24	credits
Professional Courses (Theory)	43	credits
Professional Courses (Practicum)	32	credits
C. FREE ELECTIVES	6	credits

4.2 Overall Course Components of General Education and the Major

A. GENERAL EDUCATION REQUIREMENTS	39	credits
Social Science	3	credits
101 101 Man, Society, and Environment	3	(3-0-6)
Humanities	8	credits



102 101	The Use of the Library	2	(3-0-6)
102 104	Introduction to Psychology	3	(3-0-6)
102 105	Perspective on Thai and World Civilization	3	(3-0-6)
Language		15	credits
103 111	College English I	3	(3-0-6)
103 112	College English II	3	(3-0-6)
103 113	College English III	3	(3-0-6)
103 114	Technical English for Nursing	3	(3-0-6)
103 101	Thai for Special Purpose	3	(3-0-6)
Quality of Life Development		1	credit
105 105	Personality Development	1	(1-1-2)
Basic Science and Mathematics		12	credits
106 101	Biology	3	(2-2-5)
106 102	Physics	3	(2-2-5)
106 103	Biostatistics	3	(3-0-5)
106 104	Chemistry	3	(2-2-5)
B. MAJOR REQUIREMENTS		99	credits
Foundation Courses		24	credits
501 101	Anatomy and Physiology I	3	(2-2-5)
501 102	Anatomy and Physiology II	3	(2-2-5)
501 103	Biochemistry	3	(2-2-5)
501 104	Microbiology and Parasitology	3	(2-2-5)
501 105	Patho-physiology	3	(2-2-5)
501 106	Pharmacology	3	(3-0-6)
501 107	Epidemiology	2	(2-0-4)
501 108	Health Economics	2	(2-0-4)
501 109	Nutrition	2	(2-0-4)
Theoretical Courses		43	credits
502 101	Basic Concepts in Nursing I	3	(2-2-5)
502 201	Basic Concepts in Nursing II	3	(2-2-5)
502 202	Health Promotion	2	(2-0-4)
502 203	Adult and Elderly Nursing I	4	(4-0-8)
502 204	Adult and Elderly Nursing II	3	(3-0-6)
502 205	Pediatric and Adolescence Nursing	3	(3-0-6)
502 306	Maternal-Child Nursing and Midwifery I	3	(3-0-6)
502 407	Maternal-Child Nursing and Midwifery II	3	(3-0-6)
502 307	Mental Health and Psychiatric Nursing	3	(3-0-6)
502 308	Community Health Nursing I	2	(2-0-4)
502 408	Community Health Nursing II	2	(2-0-4)
502 409	Primary Medical Care	2	(2-0-4)
503 201	Ethics and Law in Nursing	3	(3-0-6)
503 301	Issues and Trends in Nursing Profession	2	(2-0-4)
503 302	Nursing Research	3	(3-0-6)
503 303	Nursing Administration	2	(2-0-4)
Practical Courses		32	credits
504 201	Basic Concepts in Nursing Practicum	3	(0-12-0)
504 202	Health Promotion Practicum	2	(0- 8- 0)
504 203	Adult and Elderly Nursing Practicum 1	3	(0-12-0)
504 304	Adult and Elderly Nursing Practicum 2	3	(0-12-0)
504 305	Pediatric and Adolescence Nursing Practicum	3	(0-12-0)



504 306	Maternal-Child Nursing and Midwifery Practicum1	3	(0-12-0)
504 407	Maternal-Child Nursing and Midwifery Practicum 2	3	(0-12-0)
504 307	Mental Health and Psychiatric Nursing Practicum	3	(0-12-0)
504 308	Community Health Nursing Practicum 1	2	(0- 8- 0)
504 408	Community Health Nursing Practicum 2	2	(0- 8- 0)
504 409	Primary Medical Care Practicum	2	(0- 8- 0)
504 403	Nursing Administration Practicum	1	(0- 4- 0)
505 401	Comprehensive Nursing Practicum	2	(0- 8- 0)

C. FREE ELECTIVES**6 credits**

Select at least **Six (6) credits** of any courses available from other programs with consent from advisor.

COURSE DESCRIPTIONS**501 101 *Anatomy and Physiology 1* 3 (2-2-5)**

Structure, functions, and processes of cells, tissue and organs are focused in this subject. Student will discover the relationships of human organic systems regarding skin, bones, joints, muscles, neurology circulatory, respiratory and others in order to promote harmonious collaboration among these systems and to citole the functions of these systems.

501 102 *Anatomy and Physiology 2* 3 (2-2-5)

Students undertaking this subject will learn about components of structures, specific regions, and functions of cells, tissues, organs, Relationships among body systems regarding digestion, elimination, endocrine glands, hormonal function, reproduction, fertilization, growth development, and the controls of normal health system are included.

501 103 *Biochemistry* 3 (2-2-5)

Studies the structure, function, and metabolism of carbohydrates, proteins, lipids, vitamins and mineral and the importance of hormones and enzymes are included. Cellular and molecular biology for nursing students emphasizes the structural organization, biochemistry and molecular biology of cells. It also includes cellular processes, development and differentiation and their relationship to medicine.

501 104 *Microbiology and Parasitology* 3 (2-2-5)

Study on the characteristics and life cycles of viruses, bacteria, fungi and parasites including the processes and use of disinfection, pasteurization, sterilization and eradication of the organisms in our life.

501 105 *Pathophysiology* 3 (2-2-5)

Study on the pathologic mechanisms affecting the organ systems of the human body and explores the relationship between normal and altered physiology in human systems. Pathophysiology manifestations of diseases is included.

501 106 *Pharmacology* 3 (2-1-6)

Study on the classification of drugs, pharmacological actions, precautions, side effects, toxic reactions, clinical uses, methods of administration and related nursing implications.

501 107 *Epidemiology* 2 (2-0-4)

Studies the temporary prevalence of diseases which is affecting at the same time a large number of persons in a locality and spreading from person to person. Emphasis is on the use of the control of the epidemic diseases in promoting and maintaining health of individuals, families, and communities.

501 108 *Health Economics* 2 (2-0-4)

Analysis of allocation of resources in health care. Topics include markets for health care, insurance, biomedical research, technology assessment, organization and public policy

**502 307 *Mental Health and Psychiatric Nursing* 3 (3-0-6)**

Study principles, concepts, and theory of psychiatric nursing, roles and function of nurses in using nursing process to provide nursing care for individual, family, and community with mental health problems, and mental disorders, classification of psychiatric diseases, psychiatric therapy, including method of helping the emergency psychiatric client.

502 308 *Community Health Nursing I* 2 (2-0-4)

Study principle, concepts of Community Health Nursing, the roles, duties and responsibility of community health nurse. National Public Health Policy, Health Care Delivery System in Thailand and Public Health Problems. Using Nursing process in health promotion, diseases prevention, curative and rehabilitation for individual family and community are studied. Family Health, School Health Program and Environmental Health are explored.

502 408 *Community Health Nursing II* 2 (2-0-4)

Study the family and community empowerment, relationship between Community Health Development and Community Development Role of nurses in Community Development and Occupational Health. Utilizing community resources and Thai wisdom will be practiced.

502 409 *Primary Medical Care* 2 (2-0-4)

Study of the basic treatment for common health alterations, nurses' role and responsibility in accordance with the regulations of the health law, health assessment, physical examination, diagnosis and planning for nursing care. It focuses on health education, illness prevention and health promotion of individuals, families and communities. As well as being able to use referral system.

503 201 *Ethics and Law in Nursing* 3 (3-0-6)

Study the basic foundation of Ethics and Law in Nursing. Substantive topics to be covered include: code of ethics public health regulating the quality of health care, professional and institutional liability, managed care, confidentiality, informed consent, fraud and abuse, antitrust, human reproduction and birth, defining death, life and death decisions; and a discussion of traditional ethical theories, principles and meta-ethical concerns will provide the necessary background required to explore a variety of controversial issues such as euthanasia, abortion, and the new reproductive technologies.

503 301 *Issues and Trends in Nursing* 2 (2-0-4)

Study principle and method of seminar, issues and trends of political factors, economics, science and technology, social and education that has influence to Nursing Profession in Service, Administration, Education and Research.

503 302 *Nursing Research* 3 (3-0-6)

Studies the steps in the research process, the legal and ethical considerations in the conduct of nursing research, in the practice of evidence-based nursing.. Examines variations in research designs, types of measurement tools, validity and reliability. The course concludes with application of existing research to nursing practice.

503 303 *Nursing Administration* 2 (2-0-4)

Study the principles and the methods of administration, involve in the management and leadership functions of the professional nurses. Emphasis is on communication, relationship, teamwork and management, leadership, staffing problems continuing education, supervision and evaluation ,including Nursing quality insurance and Hospital accreditation.

Practicum Subjects**504 201 *Basic Nursing Concepts Practicum* 3 (0-12-0)**



Practice to use nursing process and nursing procedures to incorporate biological, psychological, and sociological dimensions into the care of individuals who require assistance in meeting basic health needs human responses to common health alterations across the life span in clinical settings including hospitals and community.

504 202 *Health Promotion Practicum* 2 (0-8-0)

Practice health assessment related to individual lifestyle, family, group and community through community-based learning. Students will be trained to analyze health status and health factors of well-being people in a variety of ages including infants, children, adolescents, adults and elderly. Nursing process and holistic approach will be applied in health promotion and illness prevention. The issues of ethics, human rights are emphasized. In addition, the utilization of Thai wisdom, community resources, and appropriate technology will also be practiced.

504 203 *Adult and Elderly Nursing Practicum I* 3 (0-12-0)

Practice using nursing process based on holistic approach to provide nursing care for adult and elderly with common health alterations, Health promotion, illness prevention, curative, rehabilitation, and restoration are emphasized.

507 303 *Adult and Elderly Nursing Practicum II* 3 (0-12-0)

Practice using nursing process based on holistic approach to provide nursing care for adult and elderly with complicated health problems including emergency, and critically illness. The students will have an opportunity to use nursing process in emergency care, critical care, long-term care, and hospice care

504 305 *Pediatric and Adolescence Nursing Practicum* 3 (0-12-0)

Practice using nursing process based on family – centered and holistic approaches to provide nursing for children with growth and developmental problems and health problems including acute, chronic, emergency, critical and terminal illness.

504 306 *Maternal/Child Nursing and Midwifery Practicum I* 3 (0-12-0)

Practice using nursing process based on holistic approach to provide nursing care for pregnant woman, family planning, normal childbearing and post partum period.

504 407 *Maternal/ Child Nursing and Midwifery Practicum II* 3 (0-12-0)

Practice using nursing process based on holistic approach to provide nursing care for pregnant woman with high risk and health problem. Screening and referring are emphasized. Obstetrician assisting on abnormal childbearing is practiced. Nursing care of mother – newborn with health problems in postpartum period is also practiced..

504 307 *Mental Health and Psychiatric Nursing Practicum* 3 (0-12-0)

Practice how to provide nursing care for individual, family, and community with mental health problems, mental disorders, and psychoneurosis in every stage.

504 308 *Community Health Nursing Practicum 1* 2 (0-8-0)

Provides clinical experience to manage the nursing care of individuals, families, groups, and communities. Emphasizes use of the nursing process in promoting and maintaining health. Nursing responsibility for case management. Offers opportunity to interact with other members of the interdisciplinary health care team in family health . School health program, environmental health and supportive system, and the Primary Health Care work are participated.

504 408 *Community Health Nursing Practicum 2* 2 (0-8-0)

Provides opportunity to use the nursing process with a community/population as the client. Nursing practice roles and abilities related to health promotion, attainment, and preservation of optimal health of clients, including clients with mental health needs, in diverse rural community



settings. Participation in community development, utilizing community resources and Thai wisdom to empower individual, family and community to compromised health are offered.

504 409 Primary Medical Care Practicum

2(0-8-0)

Practice using nursing process and basic treatment for common health alterations, physical examination, diagnosis and planning to curative and care base on regulations and health law, as well as being able to use referral system for appropriate treatment.

504 403 Nursing Administration Practicum

1 (0-4-0)

Practice role of a team leader, in-charge nurse, and nursing leader at all levels of health care settings. Arrangement of Nursing Service system and all level of Public Health premise.

505 401 Comprehensive Nursing Practicum

2 (0-8-0)

Students will have the opportunity to gain more experience in roles and functions of nurses in varieties of areas including adult nursing, pediatric nursing, and obstetric nursing. The internship will offer the selected specialty areas.



FACULTY OF HUMANITIES AND SOCIAL SCIENCES

The Faculty of Humanities and Social Sciences offers STIC International Programs leading to a Bachelor of Public Administration (B.P.A.) Degree. Duration of the program is 4 years and credits can be transferred to overseas universities.

BACHELOR OF PUBLIC ADMINISTRATION (B.P.A.) International Program (Revised Curriculum , March 2013) St Theresa International College

1. PROGRAM TITLE

Bachelor of Public Administration (B.P.A.) (International Program)

2. PROGRAM DEGREE

Full Name of Degree : Bachelor of Public Administration

Abbreviation : B.P.A.

3. PROGRAM INFORMATION

Faculty of Humanities and Social Sciences aims to produce graduates having core competencies of public administration, life-long learning attitudes, high moral values and professional ethics, and social responsibilities. The graduates will be able to serve the national and societal requirements for competent and accountable human resources.

Faculty of Humanities and Social Sciences will be an active and integral part of a learning organization that adopts quality assurances, cultural knowledge and wisdom in conjunction with international collaborations and university networks to produce successful graduates who are highly prized by national and global professions.

4. OBJECTIVES OF THE PROGRAM

The general objectives of the Bachelor of Public Administration (B.P.A.) Program are to develop in students the ability to:

- Develop problem solving skills required in a dynamic and changing public environment in Thailand and in the world, in general;
- Synthesize and apply knowledge, theories and concepts from various public disciplines in their problem solving analysis; and
- Obtain a higher proficiency in management skills, public skills and decision making skills that will enable them to carry out managerial responsibilities in both private and public sectors.

5. ACADEMIC SCHEDULE

The Bachelor of Public Administration (B.P.A.) Program (International Program) commenced in the first semester of the Academic Year 2013.

6. CREDIT REQUIREMENTS FOR GRADUATION, BACHELOR OF PUBLIC ADMINISTRATION 126 CREDITS

PROGRAM STRUCTURE

126 credits



A. GENERAL EDUCATION REQUIREMENTS	30 credits
Social Sciences	3 credits
Humanities	5 credits
Languages	15 credits
Science and Mathematics	6 credits
Quality of Life Development	1 credits
Total	30 credits
B. MAJOR REQUIREMENTS	90 credits
Core Courses	54 credits
Required Course	30 credits
Elective Courses	6 credits
C. FREE ELECTIVES	6 credits

Total Required credits for graduation (not less than) **126 credits**

7. PROGRAM STRUCTURE

GENERAL EDUCATION REQUIREMENTS	30 credits
Social Sciences	3 credits
<i>Choose Three (3) credits from the followings:</i>	
101 106 Anthropology	3 (3-0-6)
101 107 Religions	3 (3-0-6)
101 108 Sociology	3 (3-0-6)
101 111 Western Civilization I	3 (3-0-6)
101 114 World History	3 (3-0-6)
101 115 Governments	3 (3-0-6)
101 116 Politics	3 (3-0-6)
101 117 Introduction to Law	3 (3-0-6)
Humanities	5 credits
102 113 Library Skills	1 (1-1-2)
<i>Choose Four (4) credits from the followings:</i>	
102 102 The Art of Thinking	3 (3-0-6)
102 103 Introduction to Philosophy	3 (3-0-6)
102 104 Introduction to Psychology	3 (3-0-6)
102 107 Art Appreciation	2 (2-0-4)
102 108 Music Appreciation	2 (2-0-4)
102 111 World Literature I	3 (3-0-6)
102 114 Study Skills	1 (1-1-0)
102 115 Communication and Human Relations	3 (3-0-6)
Languages	15 credits
103 111 College English 1	3 (3-0-6)
103 112 College English 2	3 (3-0-6)
103 113 College English 3	3 (3-0-6)
103 115 College English 4	3 (3-0-6)
103 101 Thai for Special Purposes	3 (3-0-6)



Science and Mathematics	6 credits
<i>Choose Six (6) credits from the followings:</i>	
104 103 Introduction to Statistics	3 (3-0-6)
104 108 College Algebra	3 (3-0-6)
104 109 Calculus	3 (3-0-6)
104 111 Physical Science	3 (3-0-6)
104 118 Computer Applications	3 (3-0-6)
212 214 Principles of Information System	3 (3-0-6)
Quality of Life Development	1 credit
<i>Choose One (1) credit from the followings:</i>	
105 101 Aerobics	1 (1-1-2)
105 103 Mindfulness in Motion	1 (1-1-2)
105 104 Wellness Development	1 (1-1-2)
105 105 Personality Development	1 (1-1-2)
105 106 Selected Sport	1 (1-1-2)
105 108 Sport Dance	1 (1-1-2)
MAJOR REQUIREMENTS	90 credits
<u>Core Courses</u>	54 credits
101 117 Introduction to Law	3 (3-0-6)
122 101 Thai politics	3 (3-0-6)
122 102 Thai and Asian Economic System	3 (3-0-6)
122 103 Introduction to Public Administration	3 (3-0-6)
122 104 Principles Local Administration in Thailand	3 (3-0-6)
122 201 Constitutional and Political Institutions	3 (3-0-6)
122 202 Organization and Management	3 (3-0-6)
122 204 Public Law	3 (3-0-6)
122 205 Introduction to International Relations	3 (3-0-6)
122 206 Public Finance and Budgeting	3 (3-0-6)
122 301 Research in Public Administration	3 (1-6-5)
122 302 English for Public Administration I	3 (3-0-6)
122 401 English for Public Administration II	3 (3-0-6)
122 402 Special Topics in Public Administration	3 (1-6-5)
122 403 Seminar in Public Administration	3 (0-6-3)
122 404 Internship in Public Administration	3 (0-40-0)
214 311 Human Resource Management	3 (3-0-6)
<u>Required Course</u>	
<i>Choose 30 credits from the followings:</i>	
122 303 Human Resource Development	3 (3-0-6)
122 304 Human Resource Evaluation	3 (3-0-6)
122 305 Labor Relations Management	3 (3-0-6)
122 306 Wage and Welfare Administration	3 (3-0-6)
122 307 Organization Behavior	3 (3-0-6)
122 308 Management Ethics	3 (3-0-6)
122 309 Disaster and Emergency Management	3 (3-0-6)
122 310 Sufficiency Economy	3 (3-0-6)
122 311 City and Rural Management	3 (3-0-6)
122 312 Conflict Management by Peaceful Resolutions	3 (3-0-6)
122 313 Leadership and Community Development	3 (3-0-6)
122 314 Strategy for Community Development	3 (3-0-6)
122 315 Public Service and People Participation	3 (3-0-6)
122 316 Environment Management	3 (3-0-6)
122 317 Diplomatic History	3 (3-0-6)



122 318	Southeast Asia Affairs and Administration	3 (3-0-6)
122 319	International Politics Theories	3 (3-0-6)
122 320	International Law	3 (3-0-6)
122 321	Thai Foreign Affairs Administration	3 (3-0-6)
122 322	International Organization	3 (3-0-6)
122 323	International Security Strategic	3 (3-0-6)

Elective Courses

Students will choose 6 credits of any courses available from the course offer in the College

๓.๑.๕ คำอธิบายรายวิชา

๑) หมวดวิชาศึกษาทั่วไป

(๑) กลุ่มวิชาสังคมศาสตร์

๑๐๑ ๑๐๖ **มานุษยวิทยา** ๓(๓-๐-๖)

(Anthropology)

วิชาบังคับก่อน : ไม่มี

ศึกษาปรากฏการณ์ทางวัฒนธรรมหลายรูปแบบ เช่น การพัฒนาด้านภาษา วิถีชีวิต องค์การทางสังคม องค์การการเมือง เศรษฐกิจ และศาสนา ของสังคมยุคใหม่ และยุคดั้งเดิม โดยเน้นในเรื่องธรรมชาติและ การเปลี่ยนแปลงของวัฒนธรรม

๑๐๑ ๑๐๗ **ศาสนา** ๓(๓-๐-๖)

(Religions)

วิชาบังคับก่อน : ไม่มี

ศึกษาทฤษฎี ความเป็นมา และวิวัฒนาการของศาสนาต่างๆ ในแง่ของบทบาท และความสำคัญของศาสนาหลัก ๆ ของสังคมร่วมสมัย โดยอาศัยการศึกษาเปรียบเทียบจากพระธรรมคัมภีร์ วิถีทางจริยธรรม พิธีกรรม ความเชื่อ และความแตกต่างทางวัฒนธรรม

๑๐๑ ๑๐๘ **สังคมวิทยา** ๓(๓-๐-๖)

(Sociology)

วิชาบังคับก่อน : ไม่มี

ศึกษาพฤติกรรม และที่อยู่ของคนในสังคมร่วมสมัย โดยเน้นที่ธรรมชาติของมนุษย์ ความสัมพันธ์กับคนอื่น วิธีการกำหนดลำดับชั้น ระบบ และโครงสร้างทางสังคม รวมถึงความสัมพันธ์ระหว่างคนกับสิ่งแวดล้อม ในแง่การอนุรักษ์และกลยุทธ์การแก้ปัญหาสิ่งแวดล้อม

๑๐๑ ๑๑๑ **อารยธรรมตะวันตก ๑** ๓(๓-๐-๖)

(Western Civilization I)

วิชาบังคับก่อน : ไม่มี

ศึกษาอารยธรรมตะวันตกในยุคก่อนประวัติศาสตร์จนถึงยุคเริ่มของประวัติศาสตร์สมัยใหม่ (ยุคก่อนประวัติศาสตร์ – ๑๕๔๘) ของประเทศในแถบยุโรปและเมดิเตอร์เรเนียน การเปลี่ยนแปลงทางสังคม การเมือง ความรอบรู้ และศิลปะต่างๆ ในยุคคริสตศักราชโบราณ กรีก และ โรมยุคคลาสสิก ยุคกลางเก่า กลางใหม่ – เรเนอซองต์ และการรวมกัน ใหม่ของยุโรป การเริ่มของรัฐแห่งชาติ สงครามศาสนา การปฏิวัติวิทยาศาสตร์ยุคพระเจ้าหลุยส์ที่ ๑๔ ยุคแตกฉาน (Enlightenment)

๑๐๑ ๑๑๔ **ประวัติศาสตร์โลก** ๓(๓-๐-๖)

(World History)

วิชาบังคับก่อน : ไม่มี

ศึกษาประวัติศาสตร์สำคัญของประเทศที่มีผลกระทบต่อการพัฒนาของกลุ่มประเทศในโลก ยุคต่างๆ ของ ประวัติศาสตร์โลกตั้งแต่ยุคก่อนสงครามโลกครั้งที่ ๑ และ ๒ เกี่ยวกับปัจจัยที่มีผลต่อการเปลี่ยนแปลงทาง การ เมือง การปกครอง เศรษฐกิจ และสังคม รวมไปถึงความสัมพันธ์ระหว่างประเทศ

๑๐๑ ๑๑๕ **รัฐบาล** ๓(๓-๐-๖)

(Governments)

วิชาบังคับก่อน : ไม่มี

ศึกษาวิวัฒนาการของรัฐบาลไทย จากวันที่ปกครองด้วยระบอบสมบูรณาญาสิทธิราชจนถึงปัจจุบัน โดยเน้น ศึกษา รัฐธรรมนูญ และ โครงสร้างของรัฐบาล กฎหมาย สถาบันศาล รัฐบาลกลาง และ องค์การบริหารส่วน ท้องถิ่น รวมถึงการเคลื่อนไหวและการเปลี่ยนแปลงทางการเมือง

๑๐๑ ๑๑๖ **การเมือง** ๓(๓-๐-๖)

(Politics)

วิชาบังคับก่อน : ไม่มี

ศึกษาประเด็นสำคัญและแนวคิดทางการเมือง รวมถึง กรณีข้อโต้แย้งเกี่ยวกับการเมืองปัจจุบัน ความสัมพันธ์ ระหว่างประเทศ การเมืองกับโลกาภิวัตน์ ผู้นำแนวคิดการเมืองคนสำคัญ อุดมคติทางการเมือง ระบบการเมืองแบบต่างๆ

(๒) กลุ่มวิชามนุษยศาสตร์

๑๐๒ ๑๑๓ **ทักษะการใช้ห้องสมุด** ๑(๑-๑-๒)

(Library Skills)

วิชาบังคับก่อน : ไม่มี

วิธีการใช้งานห้องสมุดและทรัพยากรออนไลน์แบบมีงานกำหนด โดยเน้นการค้นหา แหล่งข้อมูล การหาเอกสารอ้างอิงและบทความรายปักษ์ รวมถึงการฝึกฝนและทำความเข้าใจ คอมพิวเตอร์ และอินเทอร์เน็ตเพื่อเขียนรายงาน

๑๐๒ ๑๐๒ ศิลปการคิด ๓(๓-๐-๖)

(The Art of Thinking)

วิชาบังคับก่อน : ไม่มี

ศึกษาทักษะและวิธีการคิดอย่างมีระบบโดยใช้ความรู้ตะวันตกประกอบกับความฉลาด
ตะวันออก เพื่อปลูก ฟังกลไกการคิดแบบสร้างสรรค์เพื่อริเริ่มแนวทางใหม่ หาทางเลือกอื่น แนวคิดหลัก
การคิดแก้ไขปัญหา ประจำวัน และเปิดโลกทรรศน์ใหม่

๑๐๒ ๑๐๓ ปรัชญาเบื้องต้น ๓(๓-๐-๖)

(Introduction to Philosophy)

วิชาบังคับก่อน : ไม่มี

แนะนำแนวคิดหลักๆและปัญหาพื้นฐานด้านปรัชญา เช่น “มีอะไรอยู่ที่นั่น” (ontology) “เราจะรู้ได้
อย่างไร” (Epistemology) โดยเน้นที่ “ทฤษฎีแห่งความรู้” และมุมมองศูนย์กลางของปรัชญา ซึ่งเป็นสิ่งที่กำหนด
แนวความคิดของคนต่อโลก รวมถึงการประยุกต์ใช้หลักปรัชญากับการดำเนินชีวิตประจำวันและสังคม

๑๐๒ ๑๐๔ จิตวิทยาเบื้องต้น ๓(๓-๐-๖)

(Introduction to Psychology)

วิชาบังคับก่อน : ไม่มี

พฤติกรรมและธรรมชาติของมนุษย์ โดยใช้หลักเกณฑ์ทางวิทยาศาสตร์ พื้นฐานทางชีววิทยา
ที่เกี่ยวกับพฤติกรรมและศีกษาองค์ประกอบสำคัญ บุคลิกภาพและการปรับตัว การจำและการลืม แรงจูงใจ
การรับรู้อารมณ์ ความคิดและการแก้ปัญหาด้านพฤติกรรมของมนุษย์ พฤติกรรมทางสังคมของแต่ละบุคคล
และกลุ่ม

๑๐๒ ๑๐๗ ศิลปนิยม ๒(๒-๐-๔)

(Art Appreciation)

วิชาบังคับก่อน : ไม่มี

ความสัมพันธ์ระหว่างมนุษย์กับการแสดงออกทางศิลปะในรูปของสถาปัตยกรรม จิตรกรรมและ
ประติมากรรม ลักษณะความแตกต่างระหว่างศิลปกรรมไทยกับศิลปะสากล สภาพแวดล้อมทางเศรษฐกิจ
การเมืองและสังคมที่มีอิทธิพลต่อวิวัฒนาการทางศิลปกรรมในยุคต่างๆ รวมทั้งแนวความคิดทางอุดมการณ์
ของศิลปะในกลุ่มต่างๆ

๑๐๒ ๑๐๘ สังคีตนิยม ๒(๒-๐-๔)

(Music Appreciation)

วิชาบังคับก่อน : ไม่มี

ศึกษางานศิลปะแบบต่างๆ หลักการทางด้านสุนทรียศาสตร์ ความเข้าใจในงานศิลปะของจิตรกรที่มีชื่อเสียงของโลกและของประเทศไทย เน้นความเข้าใจในงานศิลปะ เพื่อให้สามารถชื่นชมและเห็นคุณค่าของงานด้านศึกษาดนตรีในแบบต่างๆ ของโลก เน้นในเรื่องความเข้าใจในลักษณะดนตรีไทยและสากล เปรียบเทียบให้เห็นความแตกต่างและคล้ายคลึงกัน เพื่อให้สามารถชื่นชมและเห็นคุณค่าของดนตรี

๑๐๒ ๑๑๑ **วรรณกรรมโลก ๑** ๓(๓-๐-๖)

(World Literature I)

วิชาบังคับก่อน : ไม่มี

การค้นคว้าวรรณกรรมชิ้นสำคัญของโลก จากสมัยโบราณจนถึงยุค Renaissance

๑๐๒ ๑๑๔ **ทักษะการเรียนรู้** ๑(๑-๑-๐)

(Study Skills)

วิชาบังคับก่อน : ไม่มี

การออกแบบเพื่อพัฒนาการเรียนรู้ของนักศึกษาให้มีทักษะความสามารถในการสื่อสาร การพัฒนาตนเองให้ประสบความสำเร็จในการเรียน ส่งเสริมให้นักศึกษาเป็นผู้รู้จักบทบาทหน้าที่และมีความรับผิดชอบในการตัดสินใจและการประกอบอาชีพในอนาคต

๑๐๒ ๑๑๕ **การสื่อสารและมนุษยสัมพันธ์** ๓(๓-๐-๖)

(Communication and Human Relation)

วิชาบังคับก่อน : ไม่มี

ความรู้ความเข้าใจเกี่ยวกับการสื่อสาร ทักษะในการสื่อสารกับบุคคลต่าง ๆ และแนวทางในการพัฒนาตนเอง ทั้งด้านการสื่อสารและมนุษยสัมพันธ์ สามารถอยู่ร่วมกับผู้อื่นได้อย่างมีความสุข รวมทั้งการตระหนักถึงความสำคัญของการใช้ทักษะการสื่อสารและการสร้างมนุษยสัมพันธ์กับบุคคลต่างๆ เพื่อประโยชน์ในด้านการศึกษา การทำงาน และการดำเนินชีวิตในสังคม

(๓) กลุ่มวิชาภาษาศาสตร์

๑๐๓ ๑๑๑ **ภาษาอังกฤษ ๑** ๓(๓-๑-๖)

(English I)

วิชาบังคับก่อน : ไม่มี

ฝึกความเข้าใจในการฟังภาษาอังกฤษจากสื่อต่างๆ ที่ใช้ในชีวิตประจำวันและการสนทนาภาษาอังกฤษ

๑๐๓ ๑๑๒ **ภาษาอังกฤษ ๒** ๓(๓-๑-๖)

(English II)

วิชาบังคับก่อน : ๑๐๓ ๑๑๑ ภาษาอังกฤษ ๑

ฝึกความเข้าใจในการอ่านและเลือกใช้ภาษาอังกฤษจากหนังสือ การประกาศ การสอน หนังสือพิมพ์และนิตยสาร รวมทั้งวารสารต่างๆ เน้นเฉพาะเทคนิคการอ่านเร็ว

๑๐๓ ๑๑๓ **ภาษาอังกฤษ ๓** ๓(๓-๑-๖)
(English III)

วิชาบังคับก่อน : ๑๐๓ ๑๑๒ **ภาษาอังกฤษ ๒**

ฝึกการเขียนภาษาอังกฤษ โดยการบันทึกย่อประมาณ 150 – 200 คำ ซึ่งเน้นการแสดงการใช้เหตุผลทั้งแบบเห็นด้วยและไม่เห็นด้วย เน้นเทคนิคความสัมพันธ์ในประโยคและย่อหน้าต่างๆ

๑๐๓ ๑๑๕ **ภาษาอังกฤษ ๔** ๓(๓-๑-๖)
(English IV)

วิชาบังคับก่อน : ๑๐๓ ๑๑๓ **ภาษาอังกฤษ ๓**

เป็นการฝึกต่อเนื่องจากภาษาอังกฤษ 3 เรียนรู้เกี่ยวกับการอ่านและการเขียนเรียงความกันให้ลึกซึ้งมากขึ้น โดยเริ่มจากการอ่านและจับใจความแล้วนำมาประยุกต์ในการเขียนและพัฒนาบทความ โดยเน้นการพัฒนาทักษะพื้นฐานหลัก 4 ด้าน คือ ทักษะการหาใจความสำคัญของเนื้อเรื่อง ส่วนที่สนับสนุน ส่วนที่เกี่ยวข้อง และทักษะทางด้านการใช้ประโยคในภาษาอังกฤษ

๑๐๓ ๑๐๑ **ภาษาไทยเพื่อการเฉพาะ** ๓(๓-๐-๖)
(Thai for Special Purposes)

วิชาบังคับก่อน : ไม่มี

ส่งเสริมทักษะการใช้ภาษาไทยในการพูด การอ่าน การเขียน ทางวิชาการและการใช้ในวิชาชีพต่างๆ

(๔) กลุ่มวิชาวิทยาศาสตร์และคณิตศาสตร์

๑๐๔ ๑๐๓ **สถิติเบื้องต้น** ๓(๓-๐-๖)
(Introduction to Statistics)

วิชาบังคับก่อน : ไม่มี

ศึกษาแนวคิดและระเบียบวิธีทางสถิติ การรวบรวมการวิเคราะห์และการนำเสนอข้อมูลการตั้ง และทดสอบสมมุติฐาน การหาค่าสหสัมพันธ์ และค่านัยสำคัญทางสถิติ

๑๐๔ ๑๐๘ **พีชคณิต** ๓(๓-๐-๖)
(College Algebra)

วิชาบังคับก่อน : ไม่มี

แนวคิดพื้นฐานเกี่ยวกับ คุณสมบัติและโครงสร้างของระบบจำนวน จำนวนจริง กลุ่มของจำนวนเต็ม, กลุ่มของพหุนามที่มีสัมประสิทธิ์เป็นจำนวนเต็ม แนวคิดฟังก์ชันสมมาตร เทคนิคการแก้ปัญหา

สมการ ความไม่คงที่ ความไม่สมดุล ความแตกต่างกัน พังก์ชันของลือกการิทึม แนวคิดและการประยุกต์ใช้
การจัดลำดับอนุกรม

๑๐๔ ๑๐๕ แคลคูลัส ๓(๓-๐-๖)
(Calculus)

วิชาบังคับก่อน : ไม่มี

ทฤษฎีค่ากลางและการประยุกต์ใช้ เทคนิคการอินทิเกรต อนุพันธ์บางส่วน อินดิเทอมีเนท
ฟอร์ม อิมพรอปเปอร์ อินทีกรัล การจัดลำดับ อนุกรม อนุกรมของเทย์เลอร์

๑๐๔ ๑๑๑ วิทยาศาสตร์กายภาพ ๓(๓-๐-๖)
(Physical Science)

วิชาบังคับก่อน : ไม่มี

ความรู้พื้นฐานด้านเคมี และฟิสิกส์สำหรับนักศึกษาในสาขาที่ไม่เกี่ยวข้องกับวิทยาศาสตร์

๑๐๔ ๑๑๘ คอมพิวเตอร์ประยุกต์ ๓(๓-๐-๖)
(Computer Applications)

วิชาบังคับก่อน : ไม่มี

ความรู้พื้นฐานทางด้านคอมพิวเตอร์ ประวัติความเป็นมาและ วิวัฒนาการของคอมพิวเตอร์ในยุคต่างๆ
องค์ประกอบและระบบของคอมพิวเตอร์ อุปกรณ์นำข้อมูลเข้าและแสดงผล หน่วยความจำสำรอง
ระบบปฏิบัติการ โปรแกรมประยุกต์ การประมวลผลข้อมูล ฟังงานภาษาคอมพิวเตอร์และระบบเครือข่าย
คอมพิวเตอร์ การใช้งานคอมพิวเตอร์

๒๑๒ ๒๑๔ ระบบสารสนเทศเบื้องต้น ๓(๓-๐-๖)
(Principles of Information System)

วิชาบังคับก่อน : ไม่มี

ความรู้เบื้องต้นเกี่ยวกับระบบสารสนเทศ บทบาทและองค์ประกอบของระบบสารสนเทศใน
องค์กร รูปแบบและโครงสร้างระบบสารสนเทศ ระบบสารสนเทศย่อยทางธุรกิจ การเข้าถึงระบบ
สารสนเทศ การประยุกต์ใช้ระบบสารสนเทศเพื่อการบริหารงาน การสื่อสารข้อมูลในระบบสารสนเทศ
และระบบเครือข่าย

(๕) กลุ่มวิชาพัฒนาคุณภาพชีวิต

๑๐๕ ๑๐๑ แอโรบิกส์ ๑(๑-๑-๒)
(Aerobics)

วิชาบังคับก่อน : ไม่มี

การออกกำลังกายเพื่อพัฒนาสุขภาพร่างกาย โดยมุ่งเน้นให้เกิดความสมดุล ความแข็งแรงทั้ง
ร่างกาย อารมณ์ และระบบหมุนเวียนของความความดันโลหิต

๑๐๕ ๑๐๓ ความฉลาดทางสติ ๑(๑-๑-๒)

(Mindfulness in Motion)

วิชาบังคับก่อน : ไม่มี

การฝึกฝนตามหลักการและวิธีที่จะก่อให้เกิดการใช้สติอย่างชาญฉลาด เทคนิคการฝึกสมาธิเพื่อสุขภาพที่ดี และความสบายใจอันจะทำให้อายุยืน โดยใช้หลักความสมดุลย์ของจินที่เรียกว่า “หยิน-หยาง” ซึ่งมาจากหลักปรัชญาของได้จี

๑๐๕ ๑๐๔ การพัฒนาความผาสุกในชีวิต ๑(๑-๑-๒)

(Wellness Development)

วิชาบังคับก่อน : ไม่มี

ศึกษาวิถีชีวิตที่มีสุขภาพดีและมีความสุขโดยเน้นที่การมีสุขภาพด้วยการพักผ่อน ออกกำลังกาย พฤติกรรมการบริโภค และการดำรงชีวิตที่มีความสมดุลของร่างกาย จิตใจ อารมณ์ สังคม และจิตวิญญาณ

๑๐๕ ๑๐๕ การพัฒนาบุคลิกภาพ ๑(๑-๑-๒)

(Personality Development)

วิชาบังคับก่อน : ไม่มี

พัฒนาบุคลิกภาพที่ดี โดยเน้นการสร้างภาพลักษณ์ที่ดี เหมาะสมกับกาละเทศะและการพัฒนา มารยาทการเข้าสังคม

๑๐๕ ๑๐๖ กีฬา ๑(๑-๑-๒)

(Selected Sport)

วิชาบังคับก่อน : ไม่มี

แนะนำวิธีการเลือกกิจกรรมกีฬาที่สนใจเพื่อการออกกำลังกายกลางแจ้งเช่น กอล์ฟ เทนนิส วอลเลย์บอล และวอลเลย์บอล

๑๐๕ ๑๐๗ การลีลาศ ๑(๑-๑-๒)

(Sport Dance)

วิชาบังคับก่อน : ไม่มี

ศึกษาจุดมุ่งหมาย ความหมาย ประวัติของการลีลาศ มารยาทในการลีลาศ ทักษะ พื้นฐานและประโยชน์ของการลีลาศ ประเภทและจังหวะของการลีลาศ เพื่อเป็นพื้นฐานในการเข้าสังคม

๒) หมวดวิชาเฉพาะ

(๑) กลุ่มวิชาบังคับ

๑๐๑ ๑๑๓ กฎหมายเบื้องต้น ๓(๓-๐-๖)

(Introduction to Law)

วิชาบังคับก่อน : ไม่มี

แนะนำความสัมพันธ์ระหว่างกฎหมายและสังคม โดยเน้นกฎหมายปกครอง รัฐธรรมนูญ
กฎหมายทั่วไป และกฎหมายภาษีอากร

๑๒๒ ๑๐๑ การเมืองการปกครองไทย ๓(๓-๐-๖)

(Thai Politics)

วิชาบังคับก่อน : ไม่มี

ศึกษาแนวความคิดสำคัญทางรัฐศาสตร์ตั้งแต่อดีต จนถึงปัจจุบัน อุดมการณ์ทางการเมือง
สถาบันทางการเมือง กระบวนการทางการเมือง ซึ่งใช้เป็นพื้นฐานในการใช้อธิบายบริบทการเมืองการ
ปกครองของไทย ในระดับท้องถิ่นจนถึงระดับประเทศ

๑๒๒ ๑๐๒ ระบบเศรษฐกิจไทยและอาเซียน ๓(๓-๐-๖)

(Thai and Asian Economic system)

วิชาบังคับก่อน : ไม่มี

พัฒนาการทางเศรษฐกิจของไทยและอาเซียน การแลกเปลี่ยนทรัพยากร การย้ายทุน รวมถึง
ปัจจัยการผลิต การศึกษาระบบเศรษฐกิจในระดับจุลภาค และมหภาค วิเคราะห์ปัจจัยทางการเมือง เศรษฐกิจ
และสังคม ส่งผลกระทบต่อระบบเศรษฐกิจและความเป็นอยู่ของคนไทย รวมทั้งปัญหาและแนวโน้มทาง
เศรษฐกิจของไทยและอาเซียน

๑๒๒ ๑๐๓ ความรู้เบื้องต้นทางรัฐประศาสนศาสตร์ ๓(๓-๐-๖)

(Introduction to Public Administration)

วิชาบังคับก่อน : ไม่มี

ความหมาย ทฤษฎี แนวความคิดและขอบเขตของวิชารัฐประศาสนศาสตร์ นโยบายของรัฐ
เกี่ยวกับการบริหารวิวัฒนาการของการบริหาร การบริหารรัฐกิจ และการบริหารธุรกิจ ความสัมพันธ์ระหว่าง
เศรษฐกิจ สังคม และการเมือง การบริหารกับการพัฒนากระบวนการบริหาร การวางแผน การวินิจฉัยสั่งการ
การติดต่อประสานงานและการติดตามผลงาน และการบริหารราชการของประเทศไทย

๑๒๒ ๑๐๔ หลักการการบริหารงานท้องถิ่นไทย ๓(๓-๐-๖)

(Principles of Local Administration in Thailand)

วิชาบังคับก่อน : ไม่มี

ทฤษฎีเกี่ยวกับการปกครองและการบริหารงานท้องถิ่นในฐานะที่เป็นรากฐานของการปกครอง
และการพัฒนาระบบประชาธิปไตย องค์การปกครองท้องถิ่นของไทยและต่างประเทศ การมีส่วนร่วมใน
กิจกรรมทางการเมืองของประชาชน วิเคราะห์ปัจจัยที่สัมพันธ์กับงานท้องถิ่นด้านการเมือง เศรษฐกิจ และ
สังคม ปัญหาการปกครองท้องถิ่นกับการพัฒนาการเมืองไทย การบริหารองค์การส่วนท้องถิ่นของไทย

๑๒๒ ๒๐๑ รัฐธรรมนูญและสถาบันการเมือง ๓(๓-๐-๖)

(Constitutional and Political Institutions)

วิชาบังคับก่อน : ไม่มี

ความหมาย ประวัติและวิวัฒนาการของรัฐธรรมนูญ เหตุผล ความจำเป็นที่ต้องมีรัฐธรรมนูญ อำนาจอธิปไตยการปกครองแบบประชาธิปไตย สิทธิและเสรีภาพของบุคคล การแบ่งอำนาจและการตรวจสอบถ่วงดุลของอำนาจอธิปไตย ศึกษาองค์การและสถาบันทางการเมืองต่าง ๆ ที่จัดตั้งขึ้นภายใต้รัฐธรรมนูญ โดยเน้นวิเคราะห์ลักษณะและบทบาทหน้าที่ของสถาบันทางการเมือง

๑๒๒ ๒๐๒ องค์การและการจัดการ**๓(๓-๐-๖)****(Organization and Management)****วิชาบังคับก่อน : ไม่มี**

แนวความคิดทฤษฎีองค์การ โครงสร้างองค์การ รูปแบบองค์การ การจัดองค์การ แนวคิดพื้นฐานด้านการจัดการ การวางแผน การจัดคนเข้าทำงาน การเสริมกำลังใจแก่ผู้ปฏิบัติงาน การสั่งการ การควบคุม การพัฒนาองค์การ และเทคนิคการบริหารสมัยใหม่

๑๒๒ ๒๐๓ ความรู้เบื้องต้นเกี่ยวกับนโยบายสาธารณะ**๓(๓-๐-๖)****(Introduction to Public Policy)****วิชาบังคับก่อน : ไม่มี**

แนวคิดพื้นฐานเกี่ยวกับนโยบายสาธารณะ ปัจจัยสภาพแวดล้อมที่มีอิทธิพลต่อนโยบายสาธารณะ ตัวแบบนโยบายสาธารณะ การกำหนดนโยบายสาธารณะ การนำนโยบายสาธารณะไปปฏิบัติ การประเมินผลนโยบายสาธารณะ แนวคิดทั่วไปเกี่ยวกับการวางแผนการบริหาร โครงการ การประเมินผลของแผนและโครงการ

๑๒๒ ๒๐๔ กฎหมายมหาชน**๓(๓-๐-๖)****(Public Law)****วิชาบังคับก่อน : ๑๐๑ ๑๑๗ กฎหมายเบื้องต้น**

ลักษณะปรัชญา ขอบข่าย เทคนิค ของกฎหมายมหาชนประเภทต่าง ๆ ในระบบการเมืองการปกครองไทย ศึกษาความสัมพันธ์ระหว่างระบบกฎหมายมหาชนกับการเมืองการปกครอง การดำเนินงานทางการปกครอง ลักษณะขององค์กรฝ่ายปกครอง การจัดระเบียบบริหารราชการแผ่นดิน ทฤษฎีว่าด้วยการกระทำของฝ่ายปกครอง ความรับผิดชอบของฝ่ายปกครอง และการควบคุมฝ่ายปกครอง

๑๒๒ ๒๐๕ ความรู้เบื้องต้นเกี่ยวกับความสัมพันธ์ระหว่างประเทศ ๓(๓-๐-๖)**(Introduction to International Relations)****วิชาบังคับก่อน : ไม่มี**

แนวคิดพื้นฐานทางความสัมพันธ์ระหว่างประเทศ ปัจจัยอำนาจรัฐ ปัจจัยที่มีผลต่อความสัมพันธ์ระหว่างประเทศ เครื่องมือในการดำเนินความสัมพันธ์ระหว่างประเทศ สภาพความสัมพันธ์ระหว่างประเทศตั้งแต่หลังสงครามโลกครั้งที่สองจนถึงปัจจุบัน

๑๒๒ ๒๐๖ การคลังสาธารณะและงบประมาณ ๓(๓-๐-๖)**(Public Finance and Budgeting)****วิชาบังคับก่อน : ไม่มี**

บทบาทภาครัฐเกี่ยวกับระบบเศรษฐกิจของประเทศ เครื่องมือบริหารเศรษฐกิจ หลักการจัดการงบประมาณแผ่นดิน รายรับและรายจ่ายของรัฐบาล ภาษีอากร การกีดกันสาธารณะ การลงทุนภาครัฐ การใช้ นโยบายการคลัง นโยบายการเงินในประเทศ และนโยบายการเงินระหว่างประเทศเพื่อให้บรรลุเป้าหมายทางเศรษฐกิจ

๑๒๒ ๓๐๑ การวิจัยทางรัฐประศาสนศาสตร์ ๓(๑-๖-๕)**(Research in Public Administration)****วิชาบังคับก่อน : ไม่มี**

แนวคิดเกี่ยวกับการวิจัยทางรัฐประศาสนศาสตร์ กระบวนการวิจัยทางรัฐประศาสนศาสตร์ ทั้งเชิงปริมาณและเชิงคุณภาพ สถิติเบื้องต้นสำหรับการวิจัย การกำหนดปัญหา การออกแบบวิจัย การเขียนข้อเสนอโครงการวิจัย ตัวแปรการวัดประชากรและการสุ่มตัวอย่าง การเก็บรวบรวมข้อมูล การวิเคราะห์ข้อมูล และการเขียนรายงานผลการวิจัยทางรัฐประศาสนศาสตร์

๑๒๒ ๓๐๒ ภาษาอังกฤษทางรัฐประศาสนศาสตร์ ๑ ๓(๓-๐-๖)**(English for Public Administration I)****วิชาบังคับก่อน : ไม่มี**

ศึกษาและฝึกฝนให้เข้าใจคำศัพท์ ส่วนวนภาษาอังกฤษทางรัฐประศาสนศาสตร์ เพื่อเพิ่มทักษะพื้นฐานด้านการฟัง การพูด การอ่าน การเขียน และการสื่อสารกับสหวิชาชีพ รวมถึงการเตรียมความพร้อมในการศึกษาดำรง บทบาท และเอกสารวิชาการทางรัฐประศาสนศาสตร์และสาขาที่เกี่ยวข้อง

๑๒๒ ๔๐๑ ภาษาอังกฤษทางรัฐประศาสนศาสตร์ ๒ ๓(๓-๐-๖)**(English for Public Administration II)****วิชาบังคับก่อน : ไม่มี**

ฝึกการเขียนภาษาอังกฤษในลักษณะที่แตกต่างกัน เช่น การเขียนแบบ การเขียนแบบอธิบาย การเขียนแบบย้อนกลับ การเขียนแบบผสมผสาน โดยเริ่มต้นจากการเขียนบทความ ย่อหน้ารูปแบบง่ายๆ รวมถึงการฝึกทักษะการพูดในที่สาธารณะ เช่นการกล่าวรายงาน การอภิปราย การซักถาม การโต้แย้ง รวมถึงมารยาทในการพูด

๑๒๒ ๔๐๒ หัวข้อพิเศษทางรัฐประศาสนศาสตร์ ๓(๑-๖-๕)**(Special Topics in Public Administration)****วิชาบังคับก่อน : ไม่มี**

เลือกศึกษาหัวข้อทางรัฐประศาสนศาสตร์โดยค้นคว้าจากข้อมูลปฐมภูมิ ข้อมูลทุติยภูมิโดยการ
ทำตามขั้นตอนและการใช้เครื่องมือทางการวิจัยและเขียนเรียบเรียงเป็นรายงานทางวิชาการภายใต้การ
ควบคุมและแนะนำของอาจารย์ที่ปรึกษาทางวิชาการ

๑๒๒ ๔๐๓ **สัมมนาทางรัฐประศาสนศาสตร์** ๓(๐-๖-๓)

(Seminar in Public Administration)

วิชาบังคับก่อน : ไม่มี

หลักและเทคนิควิธีในการจัดสัมมนา การกำหนดหัวข้อการสัมมนาโดยการวิเคราะห์และ
สังเคราะห์เอกสาร ตำรา และการวิจัยทางรัฐประศาสนศาสตร์ การจัดสัมมนา การนำเสนอและอภิปราย
หัวข้อที่น่าสนใจทางรัฐประศาสนศาสตร์ในระดับ ปริญญาตรี

๑๒๒ ๔๐๔ **การฝึกงานทางรัฐประศาสนศาสตร์** ๓(๐-๔๐-๐)

(Internship in Public Administration)

วิชาบังคับก่อน : ไม่มี

การฝึกงานโดยเปิดโอกาสให้นักศึกษาได้นำเอาทักษะและองค์ความรู้ทางรัฐประศาสนศาสตร์
ที่ได้เรียนมาไปใช้ในการเรียนรู้ระบบการทำงานเบื้องต้นของหน่วยงานภาครัฐ ภาคเอกชนที่นักศึกษาสนใจ
และติดต่อขอเข้ารับการฝึกปฏิบัติ ภายใต้การกำหนดงานและการอนุมัติจากอาจารย์ที่ปรึกษา ทั้งนี้เพื่อให้
นักศึกษามีความรู้ความเข้าใจตลอดจนทักษะการบริหารการจัดการสมัยใหม่

๒๑๔ ๓๑๑ **การจัดการทรัพยากรมนุษย์** ๓(๓-๐-๖)

(Human Resource Management)

วิชาบังคับก่อน : ไม่มี

ศึกษาเกี่ยวกับบทบาทหน้าที่หลักๆของทรัพยากรมนุษย์ ซึ่งประกอบด้วย โอกาสเท่าเทียมกัน
ในการทำงาน การรับรอง การรับสมัครงาน การเลือกสรรบุคลากร การจัดการปฏิบัติงาน การพัฒนาบุคลากร
ค่าตอบแทน การจูงใจและการจัดการสวัสดิการต่างๆ สภาพแรงงาน และผลกระทบจากนโยบายของ
รัฐบาล

(๒) กลุ่มวิชาเอกเลือก

๑๒๒ ๓๐๓ **การพัฒนาทรัพยากรมนุษย์** ๓(๓-๐-๖)

(Human Resource Development)

วิชาบังคับก่อน : ๒๑๔ ๓๑๑ **การจัดการทรัพยากรมนุษย์**

ศึกษาแนวคิด หลักการ และขอบข่ายของการพัฒนาทรัพยากรมนุษย์ การวางแผนเพื่อการ
พัฒนาทรัพยากรมนุษย์ ระบบและกระบวนการพัฒนาทรัพยากรมนุษย์ในองค์กร การจัดองค์การเพื่อการ

พัฒนาทรัพยากรมนุษย์ในองค์กร การสำรวจความต้องการและการจัดทำโครงการพัฒนาทรัพยากรมนุษย์
ในองค์กร การพัฒนาทรัพยากรมนุษย์ในองค์กรโดยวิธีการต่างๆ และการบริหารอาชีพ

๑๒๒ ๓๐๔ การประเมินผลทรัพยากรมนุษย์ ๓(๓-๐-๖)

(Human Resource Evaluation)

วิชาบังคับก่อน : ๒๑๔ ๓๑๑ การจัดการทรัพยากรมนุษย์

แนวความคิดและหลักในการวัดผลและการประเมินผลทรัพยากรมนุษย์ การสร้างเครื่องมือใช้
ในการประเมิน ตลอดจนเทคนิคการประเมินสมัยใหม่ โดยมุ่งที่จะนำไปใช้ในการกิจต่างๆ ของการ
จัดการทรัพยากรมนุษย์

๑๒๒ ๓๐๕ การจัดการแรงงานสัมพันธ์ ๓(๓-๐-๖)

(Labor Relations Management)

วิชาบังคับก่อน : ไม่มี

หลักและทฤษฎีด้านการจัดการแรงงาน บทบาทของนายจ้าง ลูกจ้างและรัฐบาลเกี่ยวกับแรงงาน
เพื่อลดความขัดแย้งในองค์กร โดยการกำหนดนโยบายแรงงาน การเจรจาต่อรอง กฎหมายที่เกี่ยวข้องกับ
แรงงาน และสภาพการณ์ด้านแรงงานในปัจจุบัน ตลอดจนวิธีสร้างความสัมพันธ์อันดีระหว่างนายจ้างกับ
ลูกจ้างในการทำงานในองค์กร

๑๒๒ ๓๐๖ การบริหารค่าจ้างและสวัสดิการ ๓(๓-๐-๖)

(Wage and Welfare Administration)

วิชาบังคับก่อน : ๒๑๔ ๓๑๑ การจัดการทรัพยากรมนุษย์

แนวคิด วัตถุประสงค์ ปัจจัยที่มีอิทธิพล นโยบายที่เกี่ยวข้องในการกำหนดค่าจ้างและสวัสดิการ
การวิเคราะห์และประเมินค่างาน การสำรวจและวิเคราะห์โครงสร้างของค่าจ้างและสวัสดิการ การกำหนดค่า
จ้างและสวัสดิการ นโยบายของภาครัฐที่มีต่อการบริหารค่าจ้างและสวัสดิการ

๑๒๒ ๓๐๗ พฤติกรรมองค์กร ๓(๓-๐-๖)

(Organization Behavior)

วิชาบังคับก่อน : ไม่มี

ความหมาย แนวคิด รูปแบบ และกระบวนการของพฤติกรรมองค์กร บทบาทหน้าที่ต่างๆ ใน
องค์กร บุคลิกภาพและอารมณ์ การจูงใจ การอำนาจการ ประสานงาน การติดต่อสื่อสาร การต่อรอง
ภาวะผู้นำ การทำงานเป็นทีม อำนาจและการเมืองในองค์กรและการเปลี่ยนแปลงและพัฒนาองค์กร

๑๒๒ ๓๐๘ จริยธรรมการบริหาร ๓(๓-๐-๖)

(Management Ethics)

วิชาบังคับก่อน : ไม่มี

ทฤษฎีกับแนวความคิดของหลักจริยธรรม การใช้ การถ่ายทอดทางสังคมและการจัดจริยธรรม ในทุกระดับ ความแตกต่างระหว่างจริยธรรมกับศีลธรรม คุณธรรม จรรยาบรรณ วินัย และกฎหมาย หลักจริยธรรมในการตัดสินใจ ตลอดจนการประยุกต์หลักธรรมอื่นๆ ทางศาสนาในการบริหาร และกระบวนการ กำหนด การกำกับ และการใช้ประมวลจริยธรรมในองค์การ

๑๒๒ ๓๐๕ การบริหารสถานการณ์ภัยพิบัติและภาวะฉุกเฉิน ๓(๓-๐-๖)

(Disaster and Emergency Management)

วิชาบังคับก่อน : ไม่มี

พื้นฐานของการบริหารจัดการองค์การที่มีหน้าที่รับผิดชอบต่อภาวะฉุกเฉินเร่งด่วน การจัดการภายในองค์การ และการปฏิบัติงานในภาวะวิกฤตต่าง ๆ ตลอดจนการดำเนินงานในลักษณะเครือข่ายที่เกี่ยวข้องกับการบรรเทาสาธารณภัย และศึกษาการเปลี่ยนแปลงของสภาวะแวดล้อมและภัยพิบัติชนิดต่างๆ

๑๒๒ ๓๑๐ ปรัชญาเศรษฐกิจพอเพียง ๓(๓-๐-๖)

(Philosophy of Economic Sufficiency)

วิชาบังคับก่อน : ไม่มี

ศึกษาความหมาย ความสำคัญ ความเป็นมา แนวคิด ทฤษฎีเกี่ยวกับเศรษฐกิจพอเพียง เศรษฐกิจพอเพียงในวิถีไทย การพัฒนาคุณภาพชีวิตประชากร และการพัฒนาชาติตามปรัชญาเศรษฐกิจพอเพียง ความสำเร็จ ปัญหา และแนวโน้มในการจัดการเศรษฐกิจพอเพียงในประเทศ และนานาชาติ

๑๒๒ ๓๑๑ การจัดการชุมชนเมืองและชนบท ๓(๓-๐-๖)

(City and Rural Management)

วิชาบังคับก่อน : ไม่มี

ลักษณะของชุมชนเมือง และชนบท วิวัฒนาการของการจัดการปกครองชุมชนเมืองและชนบท การจัดการชุมชนเมืองและชนบทไทยในปัจจุบัน ลักษณะผู้นำชุมชนเมืองและชนบท กลุ่มประชากรในชุมชนเมืองและชนบท การพัฒนาชุมชนเมืองและชนบทอย่างยั่งยืน

๑๒๒ ๓๑๒ การจัดการความขัดแย้งโดยสันติวิธี ๓(๓-๐-๖)

(Conflict Management by Peaceful Resolution)

วิชาบังคับก่อน : ไม่มี

ความหมาย แนวคิดเกี่ยวกับความขัดแย้ง สาเหตุ ระดับและพัฒนาการของความขัดแย้ง แนวคิดเกี่ยวกับการจัดการความขัดแย้ง กระบวนการในการจัดการความขัดแย้ง และการแก้ปัญหาโดยสันติวิธี

๑๒๒ ๓๑๓ ภาวะผู้นำกับการพัฒนาชุมชน ๓(๓-๐-๖)

(Leadership and Community Development)

วิชาบังคับก่อน : ไม่มี

ความหมาย แนวคิดเกี่ยวกับภาวะผู้นำ คุณลักษณะ ประเภท และระดับของผู้นำ และบทบาทของผู้นำในการพัฒนาชุมชน ในมิติต่าง ๆ ได้แก่ เศรษฐกิจ สังคม ประเพณี วัฒนธรรม และการเมือง รวมถึงแนวทางการพัฒนาภาวะผู้นำของคนในชุมชนภายใต้สภาพแวดล้อมและบริบทของชุมชน

๑๒๒ ๓๑๔ ยุทธศาสตร์เพื่อการพัฒนาชุมชน ๓(๓-๐-๖)

(Strategy for Community Development)

วิชาบังคับก่อน : ไม่มี

การพัฒนาท้องถิ่นและชุมชน การรวบรวมและการวิเคราะห์ข้อมูลทางเศรษฐกิจ สังคม การเมือง และภูมิศาสตร์ การคาดคะเนความต้องการ เพื่อรับความเจริญเติบโตของเมืองและการพัฒนาชุมชนในอนาคต

๑๒๒ ๓๑๕ การให้บริการสาธารณะและการมีส่วนร่วมของประชาชน ๓(๓-๐-๖)

(Public Service and People Participation)

วิชาบังคับก่อน : ไม่มี

แนวคิดการให้บริการสาธารณะ โดยการมีส่วนร่วมของประชาชน (People's Participation) กระบวนทัศน์ใหม่ในการให้บริการสาธารณะ การค้นหาความต้องการในการให้บริการ แนวทางการสร้างการมีส่วนร่วม กระบวนการพัฒนาและเทคนิคการให้บริการสู่ความเป็นเลิศ การบูรณาการและการนำแนวคิดการให้บริการสาธารณะแบบมีส่วนร่วมไปสู่การปฏิบัติ และการประเมินผลแบบมีส่วนร่วม

๑๒๒ ๓๑๖ การจัดการสิ่งแวดล้อม ๓(๓-๐-๖)

(Environment Management)

วิชาบังคับก่อน : ไม่มี

แนวทาง กระบวนการ และกฎหมายที่เกี่ยวข้องในการจัดการสิ่งแวดล้อม องค์การที่เกี่ยวข้องกับสิ่งแวดล้อม นโยบายสิ่งแวดล้อม การมีส่วนร่วมของประชาชนในการจัดการสิ่งแวดล้อม กรณีศึกษาการจัดการสิ่งแวดล้อมชุมชน นโยบายและการจัดการภัยพิบัติ

๑๒๒ ๓๑๗ ประวัติศาสตร์การทูต ๓(๓-๐-๖)

(Diplomatic History)

วิชาบังคับก่อน : ๑๒๒ ๒๐๕ ความรู้เบื้องต้นเกี่ยวกับความสัมพันธ์

ระหว่างประเทศ

ศึกษาประวัติความสัมพันธ์ระหว่างประเทศ โดยใช้เหตุการณ์และการตกลงทางการทูตครั้งสำคัญที่มีผลกระทบต่อความสัมพันธ์ระหว่างประเทศ เริ่มศึกษาจากเหตุการณ์ประชุมระหว่างประเทศที่เวียนนา ในปี พ.ศ. 1815 จนถึงปัจจุบัน

๑๒๒ ๓๑๘ ความสัมพันธ์ระหว่างประเทศและการจัดการภูมิภาค ๓(๓-๐-๖)

เอเชียตะวันออกเฉียงใต้

(Southeast Asian Affairs and Administration)

วิชาบังคับก่อน : ๑๒๒ ๒๐๕ ความรู้เบื้องต้นเกี่ยวกับความสัมพันธ์

ระหว่างประเทศ

ความสัมพันธ์และความเกี่ยวพันทางประวัติศาสตร์ สังคมวัฒนธรรม เศรษฐกิจ และการเมืองของประเทศในภูมิภาคเอเชียตะวันออกเฉียงใต้ มุ่งเน้นศึกษาถึงความสัมพันธ์ระหว่างรัฐ ปัจจัยที่มีอิทธิพลต่อการดำเนินนโยบายต่างประเทศของแต่ละประเทศ กรอบความร่วมมือของประชาคมอาเซียน วิเคราะห์การเปลี่ยนแปลง และผลกระทบที่จะเกิดขึ้นภายหลังการเปิดเสรีประชาคมอาเซียน

๑๒๒ ๓๑๕ ทฤษฎีการเมืองระหว่างประเทศ

๓(๓-๐-๖)

(International Politics Theories)

วิชาบังคับก่อน : ไม่มี

ใช้ทฤษฎีการเมืองระหว่างประเทศในวิเคราะห์เหตุการณ์ระหว่างประเทศที่สำคัญ โดยเริ่มศึกษาการเมืองระหว่างประเทศหลังสงครามโลกครั้งที่ ๒ จนถึงปัจจุบัน เช่น สงครามเหนือใต้ ความขัดแย้งระหว่างจีนกับโซเวียต เหตุการณ์ ๙/๑๑กับการก่อการร้ายระหว่างประเทศ รวมถึงความเปลี่ยนแปลงในระดับภูมิภาคต่างๆ เป็นต้น

๑๒๒ ๓๒๐ กฎหมายระหว่างประเทศ

๓(๓-๐-๖)

(International Law)

วิชาบังคับก่อน : ๑๐๑ ๑๑๓ กฎหมายเบื้องต้น

ทฤษฎี แนวความคิด และที่มาของกฎหมายระหว่างประเทศ ความสัมพันธ์ระหว่างกฎหมายภายในกับกฎหมายระหว่างประเทศ ที่ส่งผลกระทบต่อกิจกรรมของบุคคลและรัฐ รวมถึงความสัมพันธ์ระหว่างประเทศ ตลอดจนปัญหาหาระหว่างประเทศต่าง ๆ ที่เกิดจากการบังคับใช้กฎหมาย

๑๒๒ ๓๒๑ การบริหารกิจการต่างประเทศของไทย

๓(๓-๐-๖)

(Thai Foreign Affairs Administration)

วิชาบังคับก่อน : ไม่มี

ความสัมพันธ์ระหว่างประเทศของไทยในสมัยต่าง ๆ วิเคราะห์ปัจจัยและกระบวนการในการบริหาร กระบวนการทางนโยบาย รวมถึงบทบาท หน้าที่ของหน่วยงานภาครัฐที่เกี่ยวข้อง ศึกษาแบบแผนและวิธีปฏิบัติ ทางกาทูตและการเจรจาระหว่างประเทศ ตลอดจนผลกระทบจากการบริหารกิจการระหว่างประเทศ และนโยบายระหว่างประเทศที่มีต่อการเมืองภายในของไทย

๑๒๒ ๓๒๒ องค์การระหว่างประเทศ

๓(๓-๐-๖)

(International Organization)

วิชาบังคับก่อน : ไม่มี

ศึกษาประวัติองค์การระหว่างประเทศในระดับต่าง ๆ โดยเริ่มจากการประชุมระหว่างประเทศที่กรุงเฮก สันนิบาตชาติและสหประชาชาติ องค์การการค้าโลก ตลอดจนองค์การระดับภูมิภาคต่างๆ มุ่งเน้นศึกษาโครงสร้างและอำนาจหน้าที่ บทบาท ผลการดำเนินงานขององค์การระหว่างประเทศในด้านเศรษฐกิจ สังคม และการเมือง วิเคราะห์สาเหตุและปัจจัยของความสำเร็จและล้มเหลวขององค์การระหว่างประเทศ

๑๒๒ ๓๒๓ ยุทธศาสตร์ความมั่นคงระหว่างประเทศ

๓(๓-๐-๖)

(International Security Strategic)

วิชาบังคับก่อน : ไม่มี

แนวคิดพื้นฐานเกี่ยวกับยุทธศาสตร์ การกำหนด การแปลงแผนยุทธศาสตร์ในแต่ละระดับ การประเมินผลตามแผนยุทธศาสตร์ การประยุกต์ใช้และการวิเคราะห์ยุทธศาสตร์ความมั่นคงระหว่างประเทศในรูปแบบต่างๆ เช่น ความมั่นคงร่วมกัน การป้องกันร่วมกัน และความมั่นคงดัดข้อมือร่วมกัน รวมถึงประเด็นความมั่นคงต่างๆ ในภูมิภาคเอเชียตะวันออกเฉียงใต้

หลักสูตรประกาศนียบัตรผู้ช่วยพยาบาล (1 ปี)

หลักสูตรใหม่ พ.ศ.2550

วิทยาลัยนานาชาติเซนต์เทเรซา

1. ชื่อหลักสูตร

ภาษาไทย	หลักสูตรประกาศนียบัตรผู้ช่วยพยาบาล
ภาษาอังกฤษ	Practical Nursing Program

2. ชื่อประกาศนียบัตร

ภาษาไทย	ประกาศนียบัตรผู้ช่วยพยาบาล
ภาษาอังกฤษ	Certificate of Practical Nursing

3. ปรัชญาของหลักสูตร

การช่วยเหลือดูแลผู้ป่วยที่มีปัญหาสุขภาพที่ไม่ซับซ้อน ทั้งในขณะที่ได้รับการรักษาในโรงพยาบาล, ที่บ้าน, และในชุมชน จะช่วยส่งเสริมคุณภาพชีวิตของผู้ป่วยที่มีปัญหาสุขภาพระยะเริ่มต้น ระยะพักฟื้น และผู้ป่วยเรื้อรัง โดยเฉพาะในการดูแลสุขภาพผู้สูงอายุและเด็กให้มีคุณภาพชีวิตที่ดี ไม่เป็นภาระต่อครอบครัวและสังคม การดูแลจะเน้นการดูแลด้านความสมดุลของร่างกาย จิตใจ อารมณ์ และสังคม ให้ผู้ป่วยสามารถดำรงชีวิตได้อย่างมีความสุขระดับหนึ่ง

4. วัตถุประสงค์ของหลักสูตร : เพื่อพัฒนาผู้เรียนให้มีความสามารถดังนี้

1. เพื่อผลิตบุคลากรด้านการช่วยเหลือดูแลผู้ป่วยตอบสนองความต้องการของสังคม
2. เพื่อพัฒนาคุณภาพการดูแลผู้ที่มีปัญหาสุขภาพเบื้องต้น ผู้สูงอายุและเด็ก
3. ให้การช่วยเหลือแพทย์ และพยาบาลวิชาชีพในการตรวจรักษาพยาบาล
4. เตรียมอุปกรณ์เพื่อการรักษาพยาบาล รวมทั้งบำรุงรักษาอุปกรณ์ต่างๆ ได้
5. ให้การดูแลผู้ป่วยและญาติด้วยจิตบริการ และสัมพันธภาพที่ดี
6. ทำงานพร้อมกันทีมสุขภาพในการให้บริการสุขภาพ

5. หลักสูตร

5.1. จำนวนหน่วยกิตรวมตลอดหลักสูตร

หลักสูตรประกาศนียบัตรผู้ช่วยพยาบาล เป็นหลักสูตรชั้นประกาศนียบัตร มีจำนวนหน่วยกิตทั้งหมด 39 หน่วยกิต โดยมีรายวิชาภาคทฤษฎี 29 หน่วยกิต และรายวิชาภาคปฏิบัติ 10 หน่วยกิต

5.2. โครงสร้างหลักสูตร

โครงสร้างหลักสูตรประกอบด้วย

- | | |
|---------------------------|-------------------|
| 1. หมวดวิชาการศึกษาทั่วไป | จำนวน 10 หน่วยกิต |
| 2. หมวดวิชาเฉพาะ | จำนวน 29 หน่วยกิต |
| - ภาคทฤษฎี | จำนวน 19 หน่วยกิต |
| - ภาคปฏิบัติ | จำนวน 10 หน่วยกิต |

5.3. รายวิชาในหลักสูตร

5.3.1 หมวดวิชาการศึกษาทั่วไป 10 หน่วยกิต

101 101	ภาษาอังกฤษในชีวิตประจำวัน	2 (2-0-4)
101 102	ภาษาอังกฤษเพื่อการดูแลผู้ที่มีปัญหาสุขภาพ	2 (2-0-4)
101 103	ภาษาอังกฤษและการใช้ศัพท์ทางการแพทย์ สำหรับผู้ช่วยเหลือดูแลผู้ป่วย	2 (2-0-4)
101 104	ความต้องการของมนุษย์และพัฒนาการตามวัย	2 (2-0-4)
101 105	การสื่อสารและการทำงานเป็นทีมในการให้บริการสุขภาพ	2 (2-0-4)

5.3.2 หมวดวิชาเฉพาะ 29 หน่วยกิต

511 101	หลักกฎหมายและจริยธรรมสำหรับการช่วยเหลือดูแล	1 (1-0-2)
511 102	การสร้างเสริมสุขภาพและอนามัยสิ่งแวดล้อม	2 (2-0-4)
511 103	ระบบการจัดการเกี่ยวกับอาหารสำหรับผู้ป่วย	2 (2-0-4)
511 104	กายวิภาคศาสตร์และสรีรวิทยาเบื้องต้น	2 (2-0-4)
511 105	เทคนิคการช่วยเหลือดูแลผู้ใช้บริการสุขภาพขั้นพื้นฐาน	3 (2-2-5)
511 106	ระบบการจัดการหน่วยบริการสุขภาพ และการบำรุงรักษาอุปกรณ์ทางการแพทย์	1 (1-0-2)
511 107	การช่วยเหลือดูแลเด็ก	2 (2-0-4)
511 108	การช่วยเหลือดูแลผู้ใหญ่และผู้สูงอายุ	3 (3-0-6)
511 109	การช่วยเหลือดูแลด้านสูติ-นรีเวช	2 (2-0-4)
511 110	การช่วยเหลือดูแลผู้มีปัญหาด้านสุขภาพจิต	1 (1-0-2)
511 111	ปฏิบัติการเทคนิคการช่วยเหลือดูแลผู้ใช้บริการสุขภาพขั้นพื้นฐาน	2 (0-8-0)

511 112	ปฏิบัติการจัดการหน่วยบริการสุขภาพและการบำรุงรักษา	1 (0-4-0)
511 113	ปฏิบัติการช่วยเหลือดูแลเด็ก	2 (0-8-0)
511 114	ปฏิบัติการช่วยเหลือดูแลผู้ใหญ่ และผู้สูงอายุ	3 (0-12-0)
511 115	ปฏิบัติการช่วยเหลือดูแลด้านสูติ-นรีเวช	2 (0-8-0)

18. คำอธิบายรายวิชา

หมวดวิชาการศึกษาทั่วไป

101 101	ภาษาอังกฤษในชีวิตประจำวัน ฝึกความเข้าใจในการฟังและสื่อสารการใช้ภาษาอังกฤษ ในชีวิตประจำวัน จากสื่อต่าง ๆ	2 (2-0-4)
101 102	ภาษาอังกฤษและการใช้ศัพท์ทางการแพทย์สำหรับผู้ช่วยเหลือดูแล ศึกษาการใช้คำศัพท์ทางการแพทย์ที่จำเป็นเพื่อการดูแลผู้ที่มีปัญหาสุขภาพ เพื่อให้สามารถอ่านรายงาน และบันทึกรายงานในการช่วยเหลือดูแลผู้ป่วย	2 (2-0-4)
101 103	ภาษาอังกฤษเพื่อการดูแลผู้ที่มีปัญหาสุขภาพ ฝึกความเข้าใจในการสื่อสารภาษาอังกฤษกับผู้ที่มีปัญหาสุขภาพที่พบบ่อย	2 (2-0-4)
101 104	ความต้องการของมนุษย์และพัฒนาการตามวัย ศึกษาความต้องการของมนุษย์ด้านสังคมจิตวิทยาของบุคคลในช่วงวัยต่าง ๆ เพื่อให้เข้าใจความเปลี่ยนแปลงของพฤติกรรมการเรียนรู้ การเรียนรู้ ความต้องการ และการปรับตัวของบุคคล	2 (2-0-4)
101 105	การสื่อสารและการทำงานเป็นทีมในการให้บริการสุขภาพ ศึกษาหลักและกระบวนการติดต่อสื่อสาร การประยุกต์หลักการสื่อสารใน การให้บริการสุขภาพ กระบวนการกลุ่ม และการทำงานเป็นทีมในการให้บริการ สุขภาพ	2 (2-0-4)

หมวดวิชาเฉพาะ

511 101	หลักกฎหมายและจริยธรรมสำหรับการช่วยเหลือดูแล	1 (1-0-2)
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ศึกษากฎหมายที่เกี่ยวข้องกับการดูแลสุขภาพ กฎหมายวิชาชีพการพยาบาลที่สำคัญ ข้อบังคับและระเบียบกระทรวงสาธารณสุข รวมทั้งหลักจริยธรรมในการให้บริการสุขภาพ โดยเน้นหน้าที่รับผิดชอบและบทบาทของผู้ช่วยเหลือดูแล

511 102 การสร้างเสริมสุขภาพและอนามัยสิ่งแวดล้อม 2 (2-0-4)

ศึกษาการสร้างเสริมสุขภาพอนามัยของบุคคลในทุกช่วงวัย และอนามัยสิ่งแวดล้อมที่ส่งเสริมสุขภาพของบุคคล ครอบครัวและชุมชน และระบบบริการสาธารณสุขของประเทศไทย

511 103 ระบบการจัดการเกี่ยวกับอาหารสำหรับผู้ป่วย 2 (2-0-4)

ศึกษาความสัมพันธ์ของอาหารกับสุขภาพ ส่วนประกอบและคุณค่าของอาหาร ความต้องการสารอาหารของบุคคลในภาวะปกติ และเมื่อเจ็บป่วย ประเภทของอาหารเฉพาะโรค ผลิตภัณฑ์เสริมอาหาร ยาและสารเคมีที่จำเป็นและใช้บ่อยในชีวิตประจำวัน

511 104 กายวิภาคและสรีรวิทยาเบื้องต้น 2 (2-0-4)

ศึกษาโครงสร้างหน้าที่และความสัมพันธ์ของอวัยวะต่าง ๆ ของร่างกายมนุษย์ กลไกการทำงานของระบบต่างๆ ในร่างกายมนุษย์ และภาวะสมดุลของร่างกายมนุษย์

511 105 เทคนิคการช่วยเหลือดูแลสุขภาพผู้ใช้บริการสุขภาพขั้นพื้นฐาน 3 (2-2-5)

ศึกษาหลักและเทคนิคการดูแล ส่งเสริม ป้องกันและฟื้นฟูสภาพของบุคคลที่มีปัญหาสุขภาพฝึกปฏิบัติการช่วยเหลือในการดูแลผู้รับบริการให้ปลอดภัยและมีความสุขสบาย การช่วยเตรียมเครื่องมือในการตรวจรักษา รวมทั้งการช่วยเหลือเคลื่อนย้ายผู้ป่วย

511 106 ระบบการจัดการหน่วยบริการสุขภาพและการบำรุงรักษาอุปกรณ์ทางการแพทย์ 1 (1-0-2)

ศึกษาหลักในการจัดการหน่วยบริการสุขภาพ ฝึกปฏิบัติการจัดเตรียมอุปกรณ์การรักษาพยาบาล รวมทั้งการบำรุงรักษาเครื่องมือเครื่องใช้ทางการแพทย์และการพยาบาล

511 107 การช่วยเหลือดูแลเด็ก 2 (2-0-4)

ศึกษาการเจริญเติบโตและพัฒนาการของเด็ก การช่วยเหลือดูแลเด็กที่มีปัญหาสุขภาพทั้งในภาวะปกติและเจ็บป่วย

511 108 การช่วยเหลือดูแลผู้ใหญ่และผู้สูงอายุ 3 (3-0-6)

ศึกษาหลักการดูแลผู้ใหญ่และผู้สูงอายุ ที่มีปัญหาสุขภาพที่พบบ่อยทั้งในภาวะปกติ

เจ็บป่วย พักฟื้น และการเจ็บป่วยเรื้อรัง โดยคำนึงถึงการตอบสนองความต้องการ
ของผู้รับบริการในชีวิตประจำวัน

- 511 109 การช่วยเหลือดูแลด้านสติ-นรีเวช 2 (2-0-4)
ศึกษาหลักการดูแลสตรีในระยะตั้งครรภ์ ระยะคลอด และระยะหลังคลอด
การช่วยบริหารทารกแรกคลอด การวางแผนครอบครัว รวมทั้งการช่วยเหลือดูแล
สตรีที่มีปัญหาสุขภาพในระบบสืบพันธุ์
- 511 110 การช่วยเหลือดูแลผู้ที่มีปัญหาสุขภาพจิต 1 (1-0-2)
ศึกษาหลักการดูแลบุคคลด้านจิตใจ อารมณ์ และสังคม และผู้ที่มีปัญหา
สุขภาพจิตและการปรับตัว การช่วยเหลือบุคคลในภาวะเครียด ตลอดจนการสร้าง
สัมพันธภาพที่ดีกับผู้รับบริการ
- 511 111 ปฏิบัติการช่วยเหลือดูแลผู้ให้บริการสุขภาพขั้นพื้นฐาน 2 (0-8-0)
ฝึกปฏิบัติหลักและเทคนิคการดูแล และส่งเสริมป้องกันและฟื้นฟูสภาพของ
บุคคล ปัญหาสุขภาพ ให้ปลอดภัยและมีความสุขสบาย เตรียมเครื่องมือในการตรวจ
รักษารวมทั้งการช่วยเหลือเคลื่อนย้ายผู้ป่วย
- 511 112 ปฏิบัติการจัดการหน่วยบริการสุขภาพ และการบำรุงรักษาอุปกรณ์ทางการแพทย์ 1 (0-4-
0)
ฝึกปฏิบัติการจัดการหน่วยบริการสุขภาพ จัดเตรียมอุปกรณ์การตรวจ
รักษาพยาบาล รวมทั้งการบำรุงรักษาเครื่องมือเครื่องใช้ทางการแพทย์และพยาบาล
- 511 113 ปฏิบัติการช่วยเหลือดูแลเด็ก 2 (0-8-
0)
ฝึกปฏิบัติการช่วยเหลือดูแลสุขภาพเด็กดี และเด็กป่วยในทุกช่วงวัย
- 511 114 ปฏิบัติการช่วยเหลือดูแลผู้ใหญ่ และผู้สูงอายุ 3 (0-12-
0)
ฝึกปฏิบัติการช่วยเหลือดูแลผู้ใหญ่และผู้สูงอายุ ทั้งในภาวะปกติและเจ็บป่วย
- 511 113 ปฏิบัติการช่วยเหลือดูแลด้านสติ-นรีเวช 2 (0-8-
0)
ฝึกปฏิบัติการช่วยเหลือดูแลสตรี ระยะตั้งครรภ์ ระยะคลอด ระยะหลังคลอด
การบริหารทารก และการดูแลสตรีที่มีปัญหาสุขภาพของโรคในระบบสืบพันธุ์



Section 3

The Policies, Rules and Regulations



ACADEMIC POLICIES, RULES, AND REGULATIONS

All students are encouraged to read and understand the academic policies and regulations contained in this section.

DURATION OF PROGRAMS

A student may complete the course requirements within a period of not less than Six (6) regular semesters, and not exceeding a period of Eight (8) academic years.

Transferred students may complete the course requirements within a period less than ones mentioned above.

REGISTRATION AND ENROLLMENT

A student must enroll not less than Nine (9) credits and not more than Twenty-two (22) credits in a regular semester. She or he may not enroll more than Nine (9) credits in a summer session. With permission of the Dean, a student can register for less or more than the designated credits.

CREDIT HOURS

A "credit-hour" is a unit expressing the number of learning periods. It has the following meanings:

- A class taught by a series of lectures for 3 hours per week during one semester of fifteen weeks (or 6 hours per week during a summer of eight weeks).
- A class conducted through experiments, practices, or laboratory activities for 2 hours per week during a semester of fifteen weeks (or 4 hours per week during a summer of eight weeks).

CLASS ATTENDANCE

A regular semester consists of 15 weeks of classes. Students must attend all their classes and laboratory sessions. Students can take the exam of an enrolled course if they attend not less than **80% of the class time**. Class attendance will be recorded and monitored throughout a semester. The Examination office will list the names of students who are eligible to take an exam about a week prior to the exam date.

ACADEMIC HONESTY

Disciplinary action will be taken against students for academic dishonesty such as cheating in an examination, plagiarism or falsification of any document. Students are warned not to attempt such misconduct as it will be noted in a student's record or it may result in suspension or dismissal from the College.

ABSENCE FROM THE FINAL EXAMINATION

A student who is absent from the final examination **MUST** inform the Examinations Office in writing **within 72 hours** after the scheduled examination. If student fails to do that, an "F" grade will be assigned for that course. If a student cannot sit for his/her final examination due to valid reasons (such as illness, death in family etc.), he/she may be allowed to sit for a make-up examination if the following conditions are fulfilled:

1. A medical certificate (from a doctor) **certifying that the student is medically unfit to sit for the scheduled final examination** is obtained.



2. The Examination Office is informed by submitting a medical certificate or other acceptable evidence (such as an accident report, a death certificate of a close relative, etc.) within 72 hours of the scheduled examination.
3. **Students must obtain approval** from their respective lecturer(s) for permission to sit **for the make-up examinations**. The make-up examination(s) must be taken within two (2) weeks after the results are released.
4. If the student fails to sit for the scheduled make-up examinations for any reason, or if the make-up examinations are not approved, an "F" grade will be awarded for that course.

PETITION FOR SEMESTER'S FINAL GRADES

Students who wish to re-check their final grades must fill an official petition with the Examinations Office. A petition fee per subject is required. The deadline for filing the petition is the **FIRST** day of the week of the following semester.

APPLYING FOR LEAVE OF ABSENCE

Students who do not intend to enroll for a particular semester must apply in writing to the Head of the Program for leave of absence.

ADDING/DROPPING COURSES

Any student who wishes to ADD or DROP a course must complete an ADD/DROP form (obtainable from the Registrar's Office).

	Week	Remarks
Adding a course	Within first 2 weeks	
Dropping a course	First 2 weeks	
Dropping a course	From 2 nd week through 13 th week	A 'W' will be recorded
Dropping a course	After 13 th week	An 'F' will be recorded

COLLEGE CALENDARS

Students must refer to the college academic calendar and event calendar for important deadlines and scheduled events for the semester. A copy of the calendar can be obtained from the Registrar's Office.

TUITION AND OTHER FINANCIAL INFORMATION

Students are advised to refer to the schedule of tuition fees to be paid for the current semester. An initial application fee should be submitted along with the application form. Refundable deposit and other miscellaneous fees should be paid together with the tuition fees upon registration of courses.

Payment of Tuition Fees

All fees should be paid by cheque/bank drafts on the due dates as indicated by the College. Failure to do so may result in de-registration of the course enrolled.

A. Withdrawal

NO REFUND OF FEES will be given once classes commence.

B. Add/Drop

	Deadline	Payment
Adding a course	3 rd day to the end of 2 nd week	Pay an administrative fee
Dropping a course	1 st week	100% credited to the following semester
Dropping a course	After 1 st week	Not credited



COURSE EVALUATION

- a) At the Bachelor's Degree level, course evaluation examinations are conducted at least twice in an academic year, i.e. the mid-semester and at the end of the semester.
- b) 20% marks are allocated for continuous assessment while the evaluation of continuous assessment is conducted throughout the semester.

GRADUATION REQUIREMENTS

Grading System

A student's evaluation may include term papers, exercises, quizzes, mid-term and final examinations as well as group projects. Grading is based on the following letter system:

Grades	Meanings	Points
A	Excellent	4.00
B+	Very good	3.50
B	Good	3.00
C+	Fairly good	2.50
C	Fair	2.00
D+	Pass / Poor	1.50
D	Pass / Very poor	1.00
F	Failed	0
I	Incomplete	
S	Satisfactory	
U	Unsatisfactory	
W	Withdrawal	
Au	Audit/No credit	

If a grade of “**F**” or “**U**” is achieved for a required course, students must register for that course again until the specified grade requirement is fulfilled. If a grade of “**F**” or “**U**” is achieved for an elective course, students may register for the same course again or choose any other course as a substitute of the same credit value.

An “**I**” may be temporary recorded for incomplete coursework when circumstances are beyond control. This must be done with the recommendation of the lecturer concerned. The course must be completed within two weeks of the beginning of the next semester; otherwise an “**F**” will be given.

In some cases a grade of “**S**” or “**U**” may be given, and no grade points are earned for courses with grade “**S**” or “**U**”.

With permission of the Dean, the letter “**W**” can be given to enrolled students who choose to withdraw in the 13th week of the regular semester, or in the 5th week of the summer session.

Students who wish to audit a course without being evaluated must ask for permission from the instructor. No grades will be given, but an “**AU**” will appear in the student's record.

Students who have completed all the requirements for the Bachelor Degree must achieve a cumulative grade point average of not less than 2.00 in order to graduate.

Undergraduate students eligible for a “**SUMMA CUM LAUDE**” – First Honors Degree, must achieve a cumulative grade point average of not less than 3.50, and have



completed all the requirements for the Bachelor Degree within 4 years and never receive a subject grade point average lower than 2.00 (or “C”).

Undergraduate students eligible for a “**MAGNA CUM LAUDE**” – Second Honors Degree must achieve a cumulative grade point average lower than 3.50 but not less than 3.25.

Non-Credit Courses

- a) Registration for non-credit courses follows the regular procedure and paying for the cost of semester credits. Dropping and withdrawal from non-credit courses can be done within the time limit by completing the petition form with an indication of “audit”.
- b) For course evaluations, “**S**” is used for *satisfactory performance*, “**U**” for *unsatisfactory performance* and is indicated by “**AU**” in the credit column record.
- c) Non-credit courses will not be included in the accumulated grade point average record.
- d) Non-credit courses cannot be registered as prerequisite courses.

Probation and Dismissal

- A student whose Cumulative Grade Point Average CGPA falls below 2.00 on a 4.00 scale will be placed on academic probation.
- Probationary students must register for not less than 9 credits and not more than 15 credits in each regular semester, but not exceeding ten credits in the summer session.

Academic Results Lower than the Required Standard Set for the Bachelor’s Degree

- a) First year students at the Bachelor Degree level must achieve a Cumulative Grade Point Average CGPA for both semesters of not less than 1.50 in order to be promoted to the second year. If their grade point average is less than 1.50, students will be dismissed.
- b) Second year students or higher must maintain a grade point average of 1.75 at all times. If their grade point average is lower than 1.75 they will be placed on a warning list for one semester. If the students still achieve the grade point average of less than 1.75 they will be on probation and for this semester they must achieve a grade point average of more than 1.75 in order to be out of the probation period. Students who fail to attain a grade point average of 1.75 will be dismissed.
- c) A student who has completed all core courses and attained a grade point average lower than 2.00 but not less than 1.50 will be allowed to continue his/her studies until he gets the grade point average of 2.00 within 3 semesters but not exceeding 8 years from the time of his first registration as a student.

Grounds for Losing Undergraduate Student Status

- a) The first year student’s cumulative grade point average is lower than 1.50 with the exception of a new student who has registered for the first semester.
- b) For the second year or higher year, the student’s cumulative grade point average is lower than 1.75 for two consecutive semesters with the exception of a new student who has registered for the first time.
- c) The student does not register for courses within 3 weeks from the first day of the registration unless the student has made a request and received an exemption from the Dean of the Undergraduate School within the specified registration date.
- d) The student fails to pay the tuition fees to maintain his undergraduate student status within 3 weeks from the first day of registration, unless the student has received an exemption from the Dean of the Undergraduate School.
- e) The student is unable to meet the graduation requirements within 8 years from the first semester the student registered in the faculty.
- f) The student has completed all the requirements for Bachelor Degree graduation.



GENERAL RULES AND REGULATIONS

St Theresa International College recognizes the rights and freedom of students in their pursuit of academic and non-academic activities in the College and regards its students as responsible young adults. Students must, therefore, assume full responsibility for their actions and behavior. The College adopts these measures to create and maintain the right climate conducive to academic pursuits and extra-curricular activities.

The rules and regulations are few, but they are firm; those who violate them will be dealt with a disciplinary action. It is the responsibility of students to be acquainted with all regulations, notices and other announcements which affect them.

USE OF FACILITIES AT THE COLLEGE

1. All students are expected to respect College property. Damaging or defacing College property is a serious offense and immediate disciplinary action will be taken.
2. Students using College facilities should observe the rules and regulations of their usage.

GENERAL CONDUCT

Both within and outside the College, students must conduct themselves in a manner that reflects favorably on themselves and the College. Rules, regulation and policies of student behavior, as well as procedures relating to violations, are available from the Student Office.

EXAMINATION PROCEDURES

In order to maintain the quality of education, the Academic Affairs Office revised all examination procedures as follows:

1. Students should verify their new index number posted on the board one (1) week before the examination.
2. All students should enter the examination room five (5) minutes prior to the examination.
4. Students should be seated according to the assigned seat numbers. Seat numbers are displayed outside the examination room.
5. Students who arrive twenty (20) minutes late will not be allowed to take the examination.
6. Students without I.D. cards will not be allowed to take the examination. The approval from The Registration Office is required.
7. Students are not allowed to bring any unauthorized materials into the examination room, such as, mobile phones, programmable watches, dictionaries, and calculators.
8. Students are not allowed to go to the washroom during the examination. If there is sufficient evidence of cheating, a student will receive an “F” grade in all subjects enrolled for the semester.
9. A student who is unable to sit for an examination must report immediately to the Examination Office within 24 hours of the scheduled examination and an acceptable reason (serious cases such as illness or accident or death in the family) must be submitted with the request form to the Examination Office. If students fail to do so, an “F” grade will be given for that course.
 - 9.1. The highest grade for the make-up examination is “C”.
 - 9.2. The student must pay 1000 baht for each subject to take the make-up examination.
 - 9.3. The date for the make-up examination will be set by the Academic Development Office within one (1) week after the examination period.
 - 9.4. If the student fails to sit for the scheduled make-up examinations for any reason, or if the make-up examinations are not approved, an “F” grade will be given to the student for that subject.